Summaries of British Columbia Herring Sampling Data for the 1983-84 Season

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by

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ABSTRACT

Rosenfeld, L., M. Stocker, and V. Haist. 1985. Summaries of British Columbia herring sampling data for the 1983-84 season. Can. Data Rep. Fish. Aquat. Sci. 502: 227 p.

Age compositions and the average length and weight at age, the sex ratio, and the maturity stages of combined samples by geographical area, time period, gear type, and source are tabulated. Tables are given for two geographical groupings: statistical areas and sections.

Key words: Clupea harengus pallasi

RÉSUMÉ

Rosenfeld, L., M. Stocker, and V. Haist. 1985. Summaries of British Columbia herring sampling data for the 1983-84 season. Can. Data Rep. Fish. Aquat. Sci. 502: 227 p.

On présente sous forme de tableaux la composition par âge, la longueur et le poids moyens selon l'âge, la proportion des sexes et les stades de maturité des échantillons combinés selon la zone, la période, le type d'engin et l'origine des données. Les tableaux sont disposés en fonction de deux groupements géographiques, soit les sections et les zones statistiques.

Mots-clés: Clupea harengus pallasi

LIST OF TABLES

Page

Table 1. Number of herring samples collected in British Columbia for the 1983-84 season by gear type and division 4

Table 2. Number of herring samples and number of fish collected in British Columbia for the 1983-84 season by source and division 5

Table 3. Week numbers for Pacific herring data for the 1983-84 season 6

Table 4. Maturity stages for Pacific herring. The descriptions of each stage are adapted from criteria developed for Atlantic herring (Bowers and Holliday 1961; Parrish and Saville 1965) and modified to suit the unique characteristics of Pacific herring which are exclusively winter-spring spawners 7

Table 5. Seine commercial food sample summaries by area 9

Table 6. Seine commercial food sample summaries by section 14

Table 7. Trawl commercial food sample summaries by area 21

Table 8. Trawl commercial food sample summaries by section 22

Table 9. Pre-fishery charter sample summaries by area 24

Table 10. Pre-fishery charter sample summaries by section 41

Table 11. Seine roe fishery sample summaries by area 74

Table 12. Seine roe fishery sample summaries by section 79

Table 13. Gillnet roe fishery sample summaries by area 84

Table 14. Gillnet roe fishery sample summaries by section 91

Table 15. Seine sample summaries by section and week 99

Table 16. Trawl sample summaries by section and week 198

Table 17. Inshore research sample summaries by section and week 200

Table 18. Inshore research sample summaries by area and week 210

Table 19. Seine commercial bait sample summaries by area 218

LIST OF FIGURES

		Page
Fig. 1.	Herring sections in northern British Columbia.	221
Fig. 2.	Herring sections in southern British Columbia.	223
Fig. 3.	Statistical areas in northern British Columbia.	225
Fig. 4.	Statistical areas in southern British Columbia.	227

INTRODUCTION

Biological samples of herring are collected on an annual basis. The information obtained is used in stock assessments, and for determining stock characteristics. Length, weight, sex, maturity, age, and gonad weight, are determined for individual fish. The data are summarized in various formats for different analysis. Biological characteristics are summarized in this report by various geographical groupings, time periods, gear types, and source types. This information is used by fishery managers in the field prior to and during fisheries in their respective areas.

Detailed sampling data have been archived since the 1950-51 season (Hourston and Isaacson 1972). Individual fish records are maintained on permanent computer files providing a 34-year series of data accessible for analyses and modelling.

METHODS

COLLECTION AND PROCESSING OF SAMPLES

Samples are collected from a variety of sources with the majority obtained from commercial catches and from pre-fishery charter and research cruises. Port samplers collect catch samples for all major fisheries from vessels unloading at processing plants. The objective of the catch sampling program is to obtain 10 samples from each seine roe fishery and six samples from each gillnet roe fishery. When the fisheries occur over relatively large geographical areas or over a number of days an attempt is made to collect samples throughout the range of the fishery.

Samples from the test fisheries are collected by fisheries officers aboard the pre-fishery charter vessels.

Samples are frozen on board vessels or at district offices and later shipped to the Pacific Biological Station where they are processed following standard procedures described by Hourston and Miller (1980).

DATA COMPILATION AND SCREENING

The recorded data are entered onto computer tapes. The data are screened by computer for relationships between age, length, and weight which are outside the normal range for the coast as a whole (mean ± 2 standard

deviations). Anomalies are listed and the associated data checked for possible errors in recording or coding.

RESULTS

Number of herring samples collected in British Columbia for the 1983-84 season are summarized by gear type and division (Table 1). Number of samples and number of fish collected are also summarized by source and statistical area (Table 2).

The summary reports include various groupings of samples by geographical area, time period, gear type, and source (Tables 5-19). The two levels of geographic grouping used are sections (Figs. 1 and 2) and statistical areas (Figs. 3 and 4). The time periods used are weeks (Table 3) and season.

Each summary contains information on the age composition, the average length and weight at age, the sex ratio, and the maturity stages of the combined samples in that report. Female roe maturity is defined as:

immature - Hjort stages 1-4 (Table 4)
mature - Hjort stages 5-6 (Table 4)
spent - Hjort stages 7-8 (Table 4)

Fish classified as immature in estimating the sex ratio are those whose gonads are not developed for distinguishing their sex.

ACKNOWLEDGMENTS

We thank Margret Burke and the Fish Ageing Unit for determining fish ages. Unicore Services Ltd. collected and processed the samples. The figures were prepared by Doug Miller.

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Table 1. Number of herring samples collected in British Columbia for the 1983-84 season by gear type and division.

Gear type	Queen Charlotte Islands	North Coast	Central Coast	Johnstone Strait	Gulf of Georgia	West Coast Vancouver Island	All
Gillnet	6	7	18		12	15	58
Herring seine	46	40	72	27	124	41	350
Herring trawl		2					2
All	52	49	90	27	136	56	410

Table 2. Number of herring samples and number of fish collected in British Columbia for the 1983-84 season by source and division.

	Roe fishery			Food fishery			Inshore research			Pre-fish charter			Other			All		
	No. of samples	No. of fish	Fish aged	No. of samples	No. of fish	Fish aged	No. of samples	No. of fish	Fish aged	No. of samples	No. of fish	Fish aged	No. of samples	No. of fish	Fish aged	No. of samples	No. of fish	Fish aged
Area 2W										7	646	587				7	646	587
Area 2E	16	1597	1242							25	2448	2162	4	400	380	45	4445	3784
Queen Charlotte Islands Division total	16	1597	1242							32	3094	2749	4	400	380	52	5091	4371
Area 3				4	400	314				8	798	741				12	1198	1055
Area 4	7	699	505	2	200	179				3	300	275				12	1199	959
Area 5	10	999	890	2	200	161				10	997	951	3	300	281	25	2496	2253
North Coast Division total	17	1698	1395	8	800	654				21	2095	1947	3	300	281	49	4893	4277
Area 6	6	600	427							10	1000	898				16	1600	1325
Area 7	36	3531	2763							37	3694	3276				73	7225	6039
Area 8										1	100	90				1	100	90
Central Division total	42	4131	3190							48	4794	4264				90	8925	7454
Area 13				2	200	182	21	2095	1880	2	199	191	2	200	173	27	2694	2426
Johnstone Strait Division total				2	200	182	21	2095	1880	2	199	191	2	200	173	27	2694	2426
Area 14	12	1196	766							17	1694	1540				29	2890	2306
Area 15	19	1896	1656							13	1296	1212				32	3192	2868
Area 16										10	992	900				10	992	900
Area 17				18	1798	1453	21	2097	1746	23	2292	2033				62	6187	5232
Area 18				1	100	74				2	200	159				3	300	233
Strait of Georgia Division total	31	3092	2422	19	1898	1527	21	2097	1746	65	6474	5844				136	13561	11539
Area 23	10	996	821							19	1898	1625	1	100	60	30	2994	2506
Area 24										8	799	722				8	799	722
Area 25	8	785	595							3	300	245				11	1085	840
Area 27	7	687	432													7	687	432
WCVI Division total	25	2468	1848							30	2997	2592	1	100	60	56	5565	4500
Total for coast	131	12986	10097	29	2898	2363	42	4192	3626	198	19653	17587	10	1000	894	410	40729	34567

Table 3. Week numbers for Pacific herring data for the 1983-84 season.

Number	Dates	Number	Dates
1	July 1-2	27	Dec. 25-31
2	July 3-9	28	Jan. 1-7
3	July 10-16	29	Jan. 8-14
4	July 17-23	30	Jan. 15-21
5	July 24-30	31	Jan. 22-28
6	July 31-Aug. 6	32	Jan. 29-Feb. 4
7	Aug. 7-13	33	Feb. 5-11
8	Aug. 14-20	34	Feb. 12-18
9	Aug. 21-27	35	Feb. 19-25
10	Aug. 28-Sept. 3	36	Feb. 26-Mar. 3
11	Sept. 4-10	37	Mar. 4-10
12	Sept. 11-17	38	Mar. 11-17
13	Sept. 18-24	39	Mar. 18-24
14	Sept. 25-Oct. 1	40	Mar. 25-31
15	Oct. 2-8	41	Apr. 1-7
16	Oct. 9-15	42	Apr. 8-14
17	Oct. 16-22	43	Apr. 15-21
18	Oct. 23-29	44	Apr. 22-28
19	Oct. 30-Nov. 5	45	Apr. 29-May 5
20	Nov. 6-12	46	May 6-12
21	Nov. 13-19	47	May 13-19
22	Nov. 20-26	48	May 20-26
23	Nov. 27-Dec. 3	49	May 27-Jun. 2
24	Dec. 4-10	50	Jun. 3-9
25	Dec. 11-17	51	Jun. 10-16
26	Dec. 18-24	52	Jun. 17-23
		53	Jun. 24-30

Table 4. Maturity stages for Pacific herring. The descriptions of each stage are adapted from criteria developed for Atlantic herring (Bowers and Holliday 1961; Parrish and Saville 1965) and modified to suit the unique characteristics of Pacific herring which are exclusively winter-spring spawners.

Stage	State of maturity	Gonad appearance	Description	Timing
I.	Undeveloped	Thread-shaped	Virgin herring with small gonads, less than 2 mm broad. Accurate macroscopic determination of sex not usually possible.	Year-round for young herring, usually less than 150 mm in standard length.
II.	Starting	Ribbon-shaped	Gonads increased in breadth to 3-5 mm. Sex determination possible. Testes reddish-gray colored and knife-shaped; ovaries reddish-wine colored and rounder. (The gonads of virgins and some repeat spawners cannot be distinguished macroscopically.)	Late spring and early summer.
III.	Developing	Tube-like	Gonads thickened, increased in breadth (5-15 mm) and elongated, but not extending full length of body cavity. Ovaries red to reddish-orange with granular appearance; testes reddish-gray with smooth texture.	Late summer and early fall.
IV.	Maturing	Prominent	Gonads extend full length of body cavity. Ovaries reddish-orange to yellow; eggs distinguishable, opaque, variable in size and separable. Testes mostly grey; and will ooze sperm if sliced with a knife. Blood vessels clearly visible in the ovary and testes walls.	Late fall and early winter (slightly earlier in males than females).

Table 4 (cont'd).

Stage	State of maturity	Gonad appearance	Description	Timing
V.	Mature	Bulging	No blood vessels visible in gonad walls. Ovaries gold-yellow; eggs mostly transparent and uniform in size. Eggs can be exuded from the ovary under pressure and are adhesive on contact. Testes milk-white; sperm will flow under pressure.	Early winter for males, late winter for females.
VI.	Ripe	Running	Eggs transparent. Eggs and sperm flow easily without external pressure.	A few days prior to spawning (usually in late winter or early spring).
VII.	Spent	Baggy	Gonads slack. Ovaries may contain a few residual eggs. Testes limp and bloodshot.	Early spring for the first few weeks following spawning.
VIII.	Recovering	Compressed	Gonads wine-colored and usually longer and thicker than in Stage II. Blood vessels prominent. (This stage passss into Stage III, but may resemble Stage II in the process.)	Late spring and early summer.

TABLE 5 SEINE COMMERCIAL FOOD SAMPLE SUMMARIES BY AREA

AREA: 3 - NASS

SAMPLE NUMBERS: 1, 24, 3, 18

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

DATE: NOV 21/83 - DEC 5/83

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	8	156	40	37	24	44	4	0	1	86	400
% AT AGE	0.00	2.55	49.68	12.74	11.78	7.64	14.01	1.27	0.00	0.32	0.00	100.00
LENGTH - MEAN(mm)	0.00	145.00	161.90	176.60	194.57	202.13	205.27	233.00	0.00	234.00	168.38	175.52
- STD. DEV.	0.00	4.04	8.91	13.99	12.44	11.19	13.88	8.83	0.00	0.00	20.28	22.32
WEIGHT - MEAN(gm)	0.00	41.88	62.48	82.53	110.35	124.75	135.02	172.00	0.00	195.00	71.52	83.59
- STD. DEV.	0.00	6.15	11.65	17.89	20.42	19.65	25.88	14.28	0.00	0.00	28.88	34.73

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	10	47	163	154	26	0	0	0	0
% AT STAGE	2.50	11.75	40.75	38.50	6.50	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	186	0	0	186
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	210	186	4	400
%	52.50	46.50	1.00	100.00
MEAN WEIGHT	84.19	83.96	35.00	83.59
% SAMP. WT.	52.88	46.71	0.42	100.00

TABLE 5 (CONT.) SEINE COMMERCIAL FOOD SAMPLE SUMMARIES BY AREA

AREA: 4 - SKEENA

SAMPLE NUMBERS: 2, 16

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

DATE: NOV 30/83

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	1	12	36	38	26	53	11	1	1	21	200
% AT AGE	0.00	0.56	6.70	20.11	21.23	14.53	29.61	6.15	0.56	0.56	0.00	100.00
LENGTH - MEAN(mm)	0.00	137.00	168.92	186.92	198.24	210.73	215.49	228.73	248.00	262.00	213.19	204.15
- STD. DEV.	0.00	0.00	10.10	7.98	9.82	10.86	13.98	9.05	0.00	0.00	27.60	21.16
WEIGHT - MEAN(gm)	0.00	34.00	71.33	91.61	106.79	120.96	133.28	156.00	178.00	237.00	130.29	116.61
- STD. DEV.	0.00	0.00	14.89	12.22	14.40	17.68	23.28	21.03	0.00	0.00	45.84	32.47

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	2	53	114	29	2	0	0	0	0
% AT STAGE	1.00	26.50	57.00	14.50	1.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	97	0	0	97
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	102	97	1	200
%	51.00	48.50	0.50	100.00
MEAN WEIGHT	114.16	119.63	74.00	116.61
% SAMP. WT.	49.93	49.76	0.32	100.00

TABLE 5 (CONT.) SEINE COMMERCIAL FOOD SAMPLE SUMMARIES BY AREA

AREA: 13 - QUATHIASKI

SAMPLE NUMBERS: 8, 22

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

DATE: NOV 21/83

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	36	67	35	26	13	5	0	0	18	200
% AT AGE	0.00	0.00	19.78	36.81	19.23	14.29	7.14	2.75	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	179.36	194.60	204.03	209.38	210.31	210.00	0.00	0.00	198.00	197.14
- STD. DEV.	0.00	0.00	8.47	7.89	8.93	11.23	5.60	7.71	0.00	0.00	14.92	13.70
WEIGHT - MEAN(gm)	0.00	0.00	89.86	118.67	141.94	151.96	161.92	147.40	0.00	0.00	126.33	126.11
- STD. DEV.	0.00	0.00	12.87	17.54	20.41	25.03	18.67	12.52	0.00	0.00	33.50	29.73

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	3	72	118	7	0	0	0	0
% AT STAGE	0.00	1.50	36.00	59.00	3.50	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	96	0	0	96
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	104	96	0	200
%	52.00	48.00	0.00	100.00
MEAN WEIGHT	127.42	124.68	0.00	126.11
% SAMP. WT.	52.54	47.46	0.00	100.00

TABLE 5 (CONT.) SEINE COMMERCIAL FOOD SAMPLE SUMMARIES BY AREA

AREA: 17 - NANAIMO

SAMPLE NUMBERS: 7, 23, 10, 12, 11, 28, 6, 21, 13, 30, 4, 26, 5, 27, 20, 15, 25, 17

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

DATE: NOV 3/83 - DEC 8/83

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	232	427	323	272	121	50	14	8	6	345	1798
% AT AGE	0.00	15.97	29.39	22.23	18.72	8.33	3.44	0.96	0.55	0.41	0.00	100.00
LENGTH - MEAN(mm)	0.00	163.94	189.88	205.39	213.31	218.70	221.96	228.79	228.25	237.00	195.24	197.36
- STD. DEV.	0.00	9.36	9.06	8.94	8.51	7.81	6.37	6.05	9.62	2.83	21.50	20.58
WEIGHT - MEAN(gm)	0.00	68.39	111.71	142.86	162.17	176.27	179.42	195.93	185.00	214.33	126.23	129.69
- STD. DEV.	0.00	12.73	16.10	19.59	19.66	19.75	17.18	13.45	21.28	11.99	53.14	42.77

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	9	74	788	810	117	0	0	0	0
% AT STAGE	0.50	4.12	43.83	45.05	6.51	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	945	0	0	945
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	853	945	0	1798
%	47.44	52.56	0.00	100.00
MEAN WEIGHT	125.47	133.50	0.00	129.69
% SAMP. WT.	45.90	54.10	0.00	100.00

TABLE 5 (CONT.) SEINE COMMERCIAL FOOD SAMPLE SUMMARIES BY AREA

AREA: 18 - COWICHAN

SAMPLE NUMBERS: 9

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

DATE: DEC 5/83

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	16	31	11	10	6	0	0	0	0	26	100
% AT AGE	0.00	21.62	41.89	14.86	13.51	8.11	0.00	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	167.63	190.65	204.18	214.00	218.17	0.00	0.00	0.00	0.00	185.69	191.15
- STD. DEV.	0.00	8.17	8.04	9.10	15.38	3.31	0.00	0.00	0.00	0.00	17.39	18.82
WEIGHT - MEAN(gm)	0.00	72.13	108.13	137.82	153.80	159.00	0.00	0.00	0.00	0.00	102.96	111.91
- STD. DEV.	0.00	11.96	19.52	21.78	30.03	16.22	0.00	0.00	0.00	0.00	32.05	34.75

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	32	48	20	0	0	0	0
% AT STAGE	0.00	0.00	32.00	48.00	20.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	45	0	0	45
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	55	45	0	100
%	55.00	45.00	0.00	100.00
MEAN WEIGHT	103.71	121.93	0.00	111.91
% SAMP. WT.	50.97	49.03	0.00	100.00

TABLE 6 SEINE COMMERCIAL FOOD SAMPLE SUMMARIES BY SECTION

SECTION: 31 - OTHER AREA 3

SAMPLE NUMBERS: 1

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

DATE: NOV 21/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	5	66	16	4	1	4	0	0	0	4	100
% AT AGE	0.00	5.21	68.75	16.67	4.17	1.04	4.17	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	145.00	165.09	179.63	197.00	208.00	210.00	0.00	0.00	0.00	179.25	170.48
- STD. DEV.	0.00	4.36	8.22	9.05	2.16	0.00	7.79	0.00	0.00	0.00	28.16	16.07
WEIGHT - MEAN(gm)	0.00	43.00	67.83	84.38	112.50	121.00	139.50	0.00	0.00	0.00	87.00	75.19
- STD. DEV.	0.00	6.16	10.83	11.68	10.63	0.00	14.66	0.00	0.00	0.00	36.62	22.40

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	12	44	38	5	0	0	0	0
% AT STAGE	1.00	12.00	44.00	38.00	5.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	52	0	0	52
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	48	52	0	100
%	48.00	52.00	0.00	100.00
MEAN WEIGHT	78.69	71.96	0.00	75.19
% SAMP. WT.	50.23	49.77	0.00	100.00

TABLE 6 (CONT.) SEINE COMMERCIAL FOOD SAMPLE SUMMARIES BY SECTION

SECTION: 32 - PORTLAND INLET

SAMPLE NUMBERS: 24, 3, 18

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

DATE: DEC 5/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	3	90	24	33	23	40	4	0	1	82	300
% AT AGE	0.00	1.38	41.28	11.01	15.14	10.55	18.35	1.83	0.00	0.46	0.00	100.00
LENGTH - MEAN(mm)	0.00	145.00	159.57	174.58	194.27	201.87	204.80	233.00	0.00	234.00	167.85	177.21
- STD. DEV.	0.00	4.36	8.70	16.36	13.15	11.37	14.32	8.83	0.00	0.00	19.90	23.83
WEIGHT - MEAN(gm)	0.00	40.00	58.56	81.29	110.09	124.91	134.57	172.00	0.00	195.00	70.77	86.39
- STD. DEV.	0.00	6.93	10.67	21.21	21.40	20.07	26.82	14.28	0.00	0.00	28.52	37.57

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	9	35	119	116	21	0	0	0	0
% AT STAGE	3.00	11.67	39.67	38.67	7.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	134	0	0	134
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	162	134	4	300
%	54.00	44.67	1.33	100.00
MEAN WEIGHT	85.81	88.61	35.00	86.39
% SAMP. WT.	53.64	45.82	0.54	100.00

TABLE 6 (CONT.) SEINE COMMERCIAL FOOD SAMPLE SUMMARIES BY SECTION

SECTION: 44 - EDYE PASSAGE

SAMPLE NUMBERS: 2, 16

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

DATE: NOV 30/83

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	1	12	36	38	26	53	11	1	1	21	200
% AT AGE	0.00	0.56	6.70	20.11	21.23	14.53	29.61	6.15	0.56	0.56	0.00	100.00
LENGTH - MEAN(mm)	0.00	137.00	168.92	186.92	198.24	210.73	215.49	228.73	248.00	262.00	213.19	204.15
- STD. DEV.	0.00	0.00	10.10	7.98	9.82	10.86	13.98	9.05	0.00	0.00	27.60	21.16
WEIGHT - MEAN(gm)	0.00	34.00	71.33	91.61	106.79	120.96	133.28	156.00	178.00	237.00	130.29	116.61
- STD. DEV.	0.00	0.00	14.89	12.22	14.40	17.68	23.28	21.03	0.00	0.00	45.84	32.47

HJDRT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	2	53	114	29	2	0	0	0	0
% AT STAGE	1.00	26.50	57.00	14.50	1.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	97	0	0	97
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	102	97	1	200
%	51.00	48.50	0.50	100.00
MEAN WEIGHT	114.16	119.63	74.00	116.61
% SAMP. WT.	49.93	49.76	0.32	100.00

TABLE 6 (CONT.) SEINE COMMERCIAL FOOD SAMPLE SUMMARIES BY SECTION

SECTION: 132 - KANISH BAY

SAMPLE NUMBERS: 8, 22

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

DATE: NOV 21/83

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	36	67	35	26	13	5	0	0	18	200
% AT AGE	0.00	0.00	19.78	36.81	19.23	14.29	7.14	2.75	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	179.36	194.60	204.03	209.38	210.31	210.00	0.00	0.00	198.00	197.14
- STD. DEV.	0.00	0.00	8.47	7.89	8.93	11.23	5.60	7.71	0.00	0.00	14.92	13.70
WEIGHT - MEAN(gm)	0.00	0.00	89.86	118.67	141.94	151.96	161.92	147.40	0.00	0.00	126.33	126.11
- STD. DEV.	0.00	0.00	12.87	17.54	20.41	25.03	18.67	12.52	0.00	0.00	33.50	29.73

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	3	72	118	7	0	0	0	0
% AT STAGE	0.00	1.50	36.00	59.00	3.50	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	96	0	0	96
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	104	96	0	200
%	52.00	48.00	0.00	100.00
MEAN WEIGHT	127.42	124.68	0.00	126.11
% SAMP. WT.	52.54	47.46	0.00	100.00

TABLE 6 (CONT.) SEINE COMMERCIAL FOOD SAMPLE SUMMARIES BY SECTION

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 7, 23, 11, 28, 6, 21, 13, 5, 20, 15, 25, 17

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

DATE: NOV 23/83 - DEC 8/83

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	157	243	224	194	92	40	11	6	5	227	1199
% AT AGE	0.00	16.15	25.00	23.05	19.96	9.47	4.12	1.13	0.62	0.51	0.00	100.00
LENGTH - MEAN(mm)	0.00	162.75	190.60	205.80	213.77	218.77	221.98	230.36	227.50	236.40	199.56	199.19
- STD. DEV.	0.00	9.44	9.11	8.87	7.98	7.75	6.63	5.89	10.21	2.70	21.76	21.13
WEIGHT - MEAN(gm)	0.00	66.66	111.60	142.00	161.44	173.90	179.20	198.09	181.67	211.40	133.97	132.29
- STD. DEV.	0.00	11.39	15.46	19.37	18.75	19.35	17.49	13.55	21.87	10.74	58.45	44.39

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	8	33	432	618	108	0	0	0	0
% AT STAGE	0.67	2.75	36.03	51.54	9.01	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	627	0	0	627
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	572	627	0	1199
%	47.71	52.29	0.00	100.00
MEAN WEIGHT	127.76	136.42	0.00	132.29
% SAMP. WT.	46.07	53.93	0.00	100.00

TABLE 6 (CONT.) SEINE COMMERCIAL FOOD SAMPLE SUMMARIES BY SECTION

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 27, 4, 26, 30, 12, 10

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

DATE: NOV 3/83 - NOV 22/83

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	75	184	99	78	29	10	3	2	1	118	599
% AT AGE	0.00	15.59	38.25	20.58	16.22	6.03	2.08	0.62	0.42	0.21	0.00	100.00
LENGTH - MEAN(mm)	0.00	166.43	188.93	204.47	212.18	218.48	221.90	223.00	230.50	240.00	185.93	193.69
- STD. DEV.	0.00	8.75	8.91	9.08	9.66	8.13	5.53	1.00	10.61	0.00	18.39	18.92
WEIGHT - MEAN(gm)	0.00	72.01	111.87	144.79	163.99	183.79	180.30	188.00	195.00	229.00	111.32	124.48
- STD. DEV.	0.00	14.60	16.96	20.02	21.77	19.43	16.70	11.79	22.63	0.00	36.92	38.85

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	41	356	192	9	0	0	0	0
% AT STAGE	0.17	6.84	59.43	32.05	1.50	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	318	0	0	318
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	281	318	0	599
%	46.91	53.09	0.00	100.00
MEAN WEIGHT	120.80	127.72	0.00	124.48
% SAMP. WT.	45.53	54.47	0.00	100.00

TABLE 6 (CONT.) SEINE COMMERCIAL FOOD SAMPLE SUMMARIES BY SECTION

SECTION: 182 - GANGES HARBOUR

SAMPLE NUMBERS: 9

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

DATE: DEC 5/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	16	31	11	10	6	0	0	0	0	26	100
% AT AGE	0.00	21.62	41.89	14.86	13.51	8.11	0.00	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	167.63	190.65	204.18	214.00	218.17	0.00	0.00	0.00	0.00	185.69	191.15
- STD. DEV.	0.00	8.17	8.04	9.10	15.38	3.31	0.00	0.00	0.00	0.00	17.89	18.82
WEIGHT - MEAN(gm)	0.00	72.13	108.13	137.82	153.80	159.00	0.00	0.00	0.00	0.00	102.96	111.91
- STD. DEV.	0.00	11.96	19.52	21.78	30.03	16.22	0.00	0.00	0.00	0.00	32.05	34.75

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	32	48	20	0	0	0	0
% AT STAGE	0.00	0.00	32.00	48.00	20.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	45	0	0	45
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	55	45	0	100
%	55.00	45.00	0.00	100.00
MEAN WEIGHT	103.71	121.93	0.00	111.91
% SAMP. WT.	50.97	49.03	0.00	100.00

TABLE 7 TRAWL COMMERCIAL FOOD SAMPLE SUMMARIES BY AREA

AREA: 5 - GRENVILLE-PRINCIPE

SAMPLE NUMBERS: 14, 19

SOURCE: FOOD FISHERY

GEAR: HERRING TRAWL

DATE: DEC 4/83

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	9	69	27	16	14	10	3	6	7	39	200
% AT AGE	0.00	5.59	42.86	16.77	9.94	8.70	6.21	1.86	3.73	4.35	0.00	100.00
LENGTH - MEAN(mm)	0.00	150.56	168.68	182.44	191.81	199.86	210.80	232.00	233.33	238.00	173.23	182.07
- STD. DEV.	0.00	5.96	10.46	10.62	19.44	17.97	19.14	12.00	10.31	7.46	22.60	25.37
WEIGHT - MEAN(gm)	0.00	49.00	74.77	87.95	101.06	110.07	126.80	150.67	157.33	178.14	78.79	90.58
- STD. DEV.	0.00	5.66	14.14	14.29	27.15	23.80	32.55	11.24	32.56	30.05	31.33	35.10

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	13	45	113	27	2	0	0	0	0
% AT STAGE	6.50	22.50	56.50	13.50	1.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	107	0	0	107
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	93	107	0	200
%	46.50	53.50	0.00	100.00
MEAN WEIGHT	91.43	89.84	0.00	90.58
% SAMP. WT.	46.94	53.06	0.00	100.00

TABLE 8 TRAWL COMMERCIAL SAMPLE SUMMARIES BY SECTION

SECTION: 51 - OTHER AREA 5

SAMPLE NUMBERS: 14

SOURCE: FOOD FISHERY

GEAR: HERRING TRAWL

DATE: DEC 4/83

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	4	15	18	11	10	10	3	5	5	19	100
% AT AGE	0.00	4.94	18.52	22.22	13.58	12.35	12.35	3.70	6.17	6.17	0.00	100.00
LENGTH - MEAN(mm)	0.00	154.00	173.87	185.39	200.55	207.00	210.80	232.00	234.40	237.00	178.95	193.98
- STD. DEV.	0.00	2.16	13.13	9.83	14.21	11.33	19.14	12.00	11.15	8.72	27.98	26.70
WEIGHT - MEAN(gm)	0.00	48.75	77.80	90.50	111.55	117.00	126.80	150.67	160.60	177.60	84.00	103.95
- STD. DEV.	0.00	3.50	17.08	12.16	23.62	15.75	32.55	11.24	35.28	33.50	37.54	38.87

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	5	30	56	8	1	0	0	0	0
% AT STAGE	5.00	30.00	56.00	8.00	1.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	59	0	0	59
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	41	59	0	100
%	41.00	59.00	0.00	100.00
MEAN WEIGHT	108.10	101.07	0.00	103.95
% SAMP. WT.	42.64	57.36	0.00	100.00

TABLE 8 (CONT.) TRAWL COMMERCIAL SAMPLE SUMMARIES BY SECTION

SECTION: 52 - KITKATLA CHANNEL

SAMPLE NUMBERS: 19

SOURCE: FOOD FISHERY

GEAR: HERRING TRAWL

DATE: DEC 4/83

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	5	54	9	5	4	0	0	1	2	20	100
% AT AGE	0.00	6.25	67.50	11.25	6.25	5.00	0.00	0.00	1.25	2.50	0.00	100.00
LENGTH - MEAN(mm)	0.00	147.80	167.24	176.56	172.60	182.00	0.00	0.00	228.00	240.50	167.80	170.15
- STD. DEV.	0.00	6.80	9.22	10.13	15.55	20.46	0.00	0.00	0.00	3.54	14.70	17.15
WEIGHT - MEAN(gm)	0.00	49.20	73.93	82.78	78.00	92.75	0.00	0.00	141.00	179.50	73.85	77.21
- STD. DEV.	0.00	7.40	13.27	17.45	20.06	33.93	0.00	0.00	0.00	30.41	23.97	24.59

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	8	15	57	19	1	0	0	0	0
% AT STAGE	8.00	15.00	57.00	19.00	1.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	48	0	0	48
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	52	48	0	100
%	52.00	48.00	0.00	100.00
MEAN WEIGHT	78.29	76.04	0.00	77.21
% SAMP. WT.	52.73	47.27	0.00	100.00

TABLE 9 PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 2W - WEST COAST Q.C.I.

SAMPLE NUMBERS: 302,306,127,124,171,135,146

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 3/84 - APR 3/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	39	27	10	181	27	290	9	3	1	59	646
% AT AGE	0.00	6.64	4.60	1.70	30.83	4.60	49.40	1.53	0.51	0.17	0.00	100.00
LENGTH - MEAN(mm)	0.00	174.08	190.81	200.80	219.50	225.11	229.60	234.11	245.67	253.00	208.39	219.40
- STD. DEV.	0.00	5.20	10.58	9.73	7.60	8.96	8.44	11.36	3.21	0.00	25.28	18.68
WEIGHT - MEAN(gm)	0.00	74.69	109.37	121.60	156.59	180.33	183.91	184.11	186.67	214.00	141.44	161.61
- STD. DEV.	0.00	8.98	22.41	17.58	21.61	28.31	24.27	15.81	47.17	0.00	52.95	40.13

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	0	1	138	458	38	10	0	0
% AT STAGE	0.15	0.00	0.15	21.36	70.90	5.88	1.55	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	102	232	4	338
%	30.18	68.64	1.18	100.00
% SAMPLE WEIGHT	7.39	20.07	0.02	27.48

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	308	338	0	646
%	47.68	52.32	0.00	100.00
MEAN WEIGHT	153.50	169.00	0.00	161.61
% SAMP. WT.	45.29	54.71	0.00	100.00

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 2E - EAST COAST Q.C.I.

SAMPLE NUMBERS: 130, 155, 133, 129, 139, 152, 316, 128, 132, 142, 335, 325, 163, 294, 56, 161, 149, 334, 159, 193, 64, 166, 157, 65, 123

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 3/84 - MAR 25/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	53	780	119	61	203	911	25	8	2	286	2448
% AT AGE	0.00	2.45	36.08	5.50	2.82	9.39	42.14	1.16	0.37	0.09	0.00	100.00
LENGTH - MEAN(mm)	0.00	166.06	186.23	197.68	208.61	213.62	217.70	229.88	231.75	240.50	199.08	203.03
- STD. DEV.	0.00	6.98	8.69	9.40	8.01	9.22	9.92	9.36	11.07	10.61	18.20	18.40
WEIGHT - MEAN(gm)	0.00	63.74	95.42	116.67	136.59	144.11	155.36	183.24	188.50	197.50	120.06	127.30
- STD. DEV.	0.00	9.42	16.16	21.45	17.02	23.59	24.35	26.39	31.21	40.31	49.76	38.33

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	454	1865	128	1	0	0
% AT STAGE	0.00	0.00	0.00	18.55	76.18	5.23	0.04	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	330	869	1	1200
%	27.50	72.42	0.08	100.00
% SAMPLE WEIGHT	5.73	20.40	0.00	26.14

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	1247	1200	0	2447
%	50.96	49.04	0.00	100.00
MEAN WEIGHT	119.27	135.65	0.00	127.30
% SAMP. WT.	47.75	52.25	0.00	100.00

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 3 - NASS

SAMPLE NUMBERS: 258,299,292,291,276,282,286,279

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 13/84 - MAR 24/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	8	304	161	86	58	118	5	1	0	57	798
% AT AGE	0.00	1.08	41.03	21.73	11.61	7.83	15.92	0.67	0.13	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	149.50	169.03	182.43	197.85	205.81	210.64	226.20	243.00	0.00	186.32	185.16
- STD. DEV.	0.00	8.45	11.19	9.74	10.67	9.40	11.35	10.71	0.00	0.00	21.66	20.28
WEIGHT - MEAN(gm)	0.00	40.38	66.41	82.01	107.01	120.40	132.08	164.00	199.00	0.00	90.32	89.79
- STD. DEV.	0.00	6.89	16.28	16.00	20.08	18.72	25.35	46.37	0.00	0.00	34.39	32.69

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	5	25	137	271	351	7	1	0	1
% AT STAGE	0.63	3.13	17.17	33.96	43.98	0.88	0.13	0.00	0.13

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	303	109	1	413
%	73.37	26.39	0.24	100.00
% SAMPLE WEIGHT	12.48	8.69	0.01	21.18

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	381	413	4	798
%	47.74	51.75	0.50	100.00
MEAN WEIGHT	87.84	91.88	60.25	89.79
% SAMP. WT.	46.71	52.96	0.34	100.00

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 4 - SKEENA

SAMPLE NUMBERS: 283,277,307

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 23/84 - MAR 27/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	146	41	29	25	26	6	1	1	25	300
% AT AGE	0.00	0.00	53.09	14.91	10.55	9.09	9.45	2.18	0.36	0.36	0.00	100.00
LENGTH - MEAN(mm.)	0.00	0.00	173.08	188.00	197.83	205.16	210.77	232.33	243.00	263.00	186.28	186.27
- STD. DEV.	0.00	0.00	9.17	8.98	7.26	6.72	12.26	5.43	0.00	0.00	22.84	19.19
WEIGHT - MEAN(gm)	0.00	0.00	74.45	97.20	111.41	121.36	135.31	170.67	224.00	239.00	95.16	95.01
- STD. DEV.	0.00	0.00	13.78	14.00	21.52	13.74	21.03	18.02	0.00	0.00	38.37	31.77

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	3	64	202	27	3	0	0
% AT STAGE	0.00	0.33	1.00	21.33	67.33	9.00	1.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	53	123	2	178
%	29.78	69.10	1.12	100.00
% SAMPLE WEIGHT	6.17	20.03	0.01	26.21

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	122	178	0	300
%	40.67	59.33	0.00	100.00
MEAN WEIGHT	87.10	100.44	0.00	95.01
% SAMP. WT.	37.28	62.72	0.00	100.00

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 5 - GRENVILLE-PRINCIPE

SAMPLE NUMBERS: 263,261,317,328,296,285,259,284,280,333

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 17/84 - MAR 28/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	2	302	105	87	163	257	11	2	2	66	997
% AT AGE	0.00	0.21	32.44	11.28	9.34	17.51	27.60	1.18	0.21	0.21	0.00	100.00
LENGTH - MEAN(mm)	0.00	163.00	178.15	188.10	200.39	208.06	211.10	222.91	227.00	234.50	196.15	196.38
- STD. DEV.	0.00	9.90	8.72	9.83	9.01	8.08	9.64	8.42	9.90	12.02	17.26	17.25
WEIGHT - MEAN(gm)	0.00	59.50	82.53	95.11	114.06	127.02	138.42	154.45	156.00	169.50	108.67	111.09
- STD. DEV.	0.00	6.36	14.73	16.13	17.54	17.88	22.58	24.22	7.07	61.52	27.72	30.14

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	97	828	71	1	0	0
% AT STAGE	0.00	0.00	0.00	9.73	83.05	7.12	0.10	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	45	431	0	476
%	9.45	90.55	0.00	100.00
% SAMPLE WEIGHT	1.84	26.48	0.00	28.32

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	520	476	0	996
%	52.21	47.79	0.00	100.00
MEAN WEIGHT	103.49	119.38	0.00	111.08
% SAMP. WT.	48.64	51.36	0.00	100.00

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 6 - BUTEDALE

SAMPLE NUMBERS: 186,168,336,326,190,169,297,156,184,147

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 4/84 - MAR 26/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	42	53	75	121	154	425	18	9	1	102	1000
% AT AGE	0.00	4.68	5.90	8.35	13.47	17.15	47.33	2.00	1.00	0.11	0.00	100.00
LENGTH - MEAN(mm)	0.00	159.12	183.60	194.32	202.40	207.26	210.18	219.83	235.67	242.00	203.32	203.78
- STD. DEV.	0.00	7.55	9.05	11.73	7.03	8.45	8.90	10.85	17.10	0.00	15.36	15.58
WEIGHT - MEAN(gm)	0.00	60.00	91.28	113.07	121.79	131.25	137.27	160.89	189.78	184.00	127.29	126.90
- STD. DEV.	0.00	8.93	16.03	14.47	16.99	18.73	21.13	23.92	35.29	0.00	27.25	28.04

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	2	24	153	702	104	12	0	2
% AT STAGE	0.10	0.20	2.40	15.30	70.20	10.40	1.20	0.00	0.20

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	150	353	6	509
%	29.47	69.35	1.18	100.00
% SAMPLE WEIGHT	5.95	20.20	0.04	26.20

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	490	509	0	999
%	49.05	50.95	0.00	100.00
MEAN WEIGHT	120.45	133.10	0.00	126.89
% SAMP. WT.	46.56	53.44	0.00	100.00

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 7 - BELLA BELLA

SAMPLE NUMBERS: 176,174,338,200,158,332,323,148,160,196, 162,321,180,115,199,337,126,144,164,172, 182,125,178,194,177,298,136,131,167,185, 140,315,181,303,189,138,197

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 1/84 - MAR 29/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	188	294	413	629	501	1136	85	29	1	418	3694
% AT AGE	0.00	5.74	8.97	12.61	19.20	15.29	34.68	2.59	0.89	0.03	0.00	100.00
LENGTH - MEAN(mm)	0.00	157.79	181.34	190.65	199.50	208.04	211.40	214.34	221.79	247.00	200.72	200.43
- STD. DEV.	0.00	9.13	12.72	11.14	11.81	10.13	10.21	10.38	12.49	0.00	18.10	18.09
WEIGHT - MEAN(gm)	0.00	58.84	91.77	107.81	124.92	140.98	151.05	156.18	173.10	184.00	127.30	128.60
- STD. DEV.	0.00	11.41	23.79	21.92	24.30	23.75	25.91	25.10	30.64	0.00	34.27	35.47

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	3	3	20	754	2716	180	17	1	0
% AT STAGE	0.08	0.08	0.54	20.41	73.52	4.87	0.46	0.03	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	673	1256	8	1937
%	34.74	64.84	0.41	100.00
% SAMPLE WEIGHT	8.10	19.51	0.02	27.62

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	1751	1937	4	3692
%	47.43	52.46	0.11	100.00
MEAN WEIGHT	120.92	135.62	84.75	128.59
% SAMP. WT.	44.60	55.33	0.07	100.00

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 8 - BELLA COOLA

SAMPLE NUMBERS: 183

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 2/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	1	11	18	8	35	5	10	1	1	0	10	100
% AT AGE	1.11	12.22	20.00	8.89	38.89	5.56	11.11	1.11	1.11	0.00	0.00	100.00
LENGTH - MEAN(mm)	131.00	158.18	171.22	185.50	191.89	203.00	200.90	207.00	223.00	0.00	184.50	184.52
- STD. DEV.	0.00	9.67	11.92	9.72	12.53	6.52	8.48	0.00	0.00	0.00	19.98	19.00
WEIGHT - MEAN(gm)	24.00	53.64	71.89	89.38	99.94	113.00	115.90	122.00	153.00	0.00	85.20	89.72
- STD. DEV.	0.00	12.42	15.13	16.55	20.27	6.89	18.10	0.00	0.00	0.00	23.24	27.00

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	1	8	43	47	0	0	0	0
% AT STAGE	1.00	1.00	8.00	43.00	47.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	48	6	0	54
%	88.89	11.11	0.00	100.00
% SAMPLE WEIGHT	17.35	2.16	0.00	19.51

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	46	54	0	100
%	46.00	54.00	0.00	100.00
MEAN WEIGHT	83.50	95.02	0.00	89.72
% SAMP. WT.	42.81	57.19	0.00	100.00

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 13 - QUATHIASKI

SAMPLE NUMBERS: 58, 57

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 10/84 - MAR 11/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	7	92	71	15	3	2	1	0	0	0	8	199
% AT AGE	3.66	48.17	37.17	7.85	1.57	1.05	0.52	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	100.14	143.48	167.99	180.87	189.67	212.50	230.00	0.00	0.00	0.00	168.25	156.34
- STD. DEV.	4.71	10.90	9.40	10.17	17.62	3.54	0.00	0.00	0.00	0.00	25.24	22.00
WEIGHT - MEAN(gm)	12.71	37.99	63.07	79.80	97.33	124.50	163.00	0.00	0.00	0.00	67.50	52.78
- STD. DEV.	1.25	8.01	12.39	13.87	37.63	19.09	0.00	0.00	0.00	0.00	31.80	23.52

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	78	5	3	69	44	0	0	0	0
% AT STAGE	39.20	2.51	1.51	34.67	22.11	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	93	0	0	93
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	9.88	0.00	0.00	9.88

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	105	93	1	199
%	52.76	46.73	0.50	100.00
MEAN WEIGHT	49.48	56.94	13.00	52.78
% SAMP. WT.	49.46	50.41	0.12	100.00

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 14 - COMOX

SAMPLE NUMBERS: 15, 9, 10, 69, 63,322, 66, 37, 68,327, 42,319, 17, 41, 29,318, 67

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 17/84 - MAR 10/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	73	490	476	266	134	76	12	10	3	154	1694
% AT AGE	0.00	4.74	31.82	30.91	17.27	8.70	4.94	0.78	0.65	0.19	0.00	100.00
LENGTH - MEAN(mm)	0.00	162.49	183.37	197.56	208.60	217.03	219.80	222.33	233.00	233.00	196.51	196.57
- STD. DEV.	0.00	13.42	13.01	10.56	11.04	9.74	10.96	8.70	9.66	7.00	19.56	18.73
WEIGHT - MEAN(gm)	0.00	58.89	90.21	117.66	139.57	157.07	164.47	176.00	190.70	177.00	118.26	116.85
- STD. DEV.	0.00	15.86	20.99	21.20	23.23	23.16	25.50	23.91	24.15	11.14	38.94	35.90

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	2	6	550	1067	62	7	0	0
% AT STAGE	0.00	0.12	0.35	32.47	62.99	3.66	0.41	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	383	427	5	815
%	46.99	52.39	0.61	100.00
% SAMPLE WEIGHT	9.73	14.79	0.01	24.53

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	879	815	0	1694
%	51.89	48.11	0.00	100.00
MEAN WEIGHT	112.82	121.20	0.00	116.85
% SAMP. WT.	50.10	49.90	0.00	100.00

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 15 - WESTVIEW

SAMPLE NUMBERS: 16, 40, 23, 4, 18, 31, 49, 43, 19, 55, 20, 39, 195

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 21/84 - MAR 5/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	42	547	385	115	61	35	16	9	2	84	1296
% AT AGE	0.00	3.47	45.13	31.77	9.49	5.03	2.89	1.32	0.74	0.17	0.00	100.00
LENGTH - MEAN(mm)	0.00	153.00	178.47	193.33	202.91	211.79	215.57	215.81	221.00	237.50	188.08	188.27
- STD. DEV.	0.00	10.50	9.44	9.04	9.40	9.44	10.59	11.69	7.86	4.95	19.37	16.75
WEIGHT - MEAN(gm)	0.00	49.10	80.15	104.77	122.79	143.57	149.17	156.44	163.33	200.00	99.33	98.04
- STD. DEV.	0.00	9.04	13.45	16.54	18.29	21.85	27.42	27.54	23.99	19.80	30.13	28.97

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	4	3	18	637	555	77	1	1	0
% AT STAGE	0.31	0.23	1.39	49.15	42.82	5.94	0.08	0.08	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	485	246	0	731
%	66.35	33.65	0.00	100.00
% SAMPLE WEIGHT	13.26	7.91	0.00	21.17

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	565	731	0	1296
%	43.60	56.40	0.00	100.00
MEAN WEIGHT	95.72	99.85	0.00	98.04
% SAMP. WT.	42.56	57.44	0.00	100.00

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 16 - PENDER HARBOUR

SAMPLE NUMBERS: 1,122,119, 44, 51,320, 50,198, 3,304

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 20/84 - MAR 3/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	32	436	261	102	46	14	9	0	0	92	992
% AT AGE	0.00	3.56	48.44	29.00	11.33	5.11	1.56	1.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	151.50	175.84	188.98	199.12	204.70	208.43	209.33	0.00	0.00	182.97	183.67
- STD. DEV.	0.00	8.98	8.98	9.63	10.10	9.73	12.38	16.29	0.00	0.00	19.44	15.61
WEIGHT - MEAN(gm)	0.00	47.63	78.94	101.02	119.76	131.87	143.00	142.11	0.00	0.00	96.02	93.45
- STD. DEV.	0.00	8.48	13.79	16.30	21.72	23.24	28.30	35.64	0.00	0.00	31.94	26.73

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	7	490	464	30	0	0	0
% AT STAGE	0.00	0.10	0.71	49.40	46.77	3.02	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	343	222	0	565
%	60.71	39.29	0.00	100.00
% SAMPLE WEIGHT	11.30	10.71	0.00	22.01

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	425	565	1	991
%	42.89	57.01	0.10	100.00
MEAN WEIGHT	90.66	95.68	50.00	93.48
% SAMP. WT.	41.59	58.35	0.05	100.00

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 17 - NANAIMO

SAMPLE NUMBERS: 32,311, 30, 33, 5, 62,305, 28, 22, 2, 300,116, 35, 6, 52, 36, 53, 54, 21, 45, 59,314,309

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 20/84 - MAR 22/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	1	640	752	302	191	87	34	16	8	2	259	2292
% AT AGE	0.05	31.48	36.99	14.85	9.39	4.28	1.67	0.79	0.39	0.10	0.00	100.00
LENGTH - MEAN(mm)	149.00	166.98	187.73	202.33	212.20	221.62	222.82	230.00	227.38	242.00	184.34	187.79
- STD. DEV.	0.00	8.92	11.37	9.77	9.73	8.12	8.16	8.83	11.01	2.83	18.65	20.28
WEIGHT - MEAN(gm)	46.00	63.05	93.08	120.60	141.27	165.45	164.35	176.63	175.63	208.00	90.69	96.82
- STD. DEV.	0.00	11.07	18.06	19.62	23.14	23.87	24.52	25.88	42.38	14.14	32.02	35.82

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	16	8	69	759	1000	233	206	0	1
% AT STAGE	0.70	0.35	3.01	33.12	43.63	10.17	8.99	0.00	0.04

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	521	451	95	1067
%	48.83	42.27	8.90	100.00
% SAMPLE WEIGHT	8.95	11.21	0.18	20.34

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	1221	1067	4	2292
%	53.27	46.55	0.17	100.00
MEAN WEIGHT	92.47	101.99	48.25	96.82
% SAMP. WT.	50.88	49.03	0.09	100.00

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 18 - COWICHAN

SAMPLE NUMBERS: 310,191

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 22/84 - MAR 23/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	3	9	41	32	55	11	5	1	2	41	200
% AT AGE	0.00	1.89	5.66	25.79	20.13	34.59	6.92	3.14	0.63	1.26	0.00	100.00
LENGTH - MEAN(mm)	0.00	169.67	195.11	208.32	221.66	225.20	233.27	237.00	243.00	248.00	214.34	217.82
- STD. DEV.	0.00	5.86	10.12	10.90	7.29	9.34	7.88	4.00	0.00	18.38	13.82	15.34
WEIGHT - MEAN(gm)	0.00	64.33	107.44	139.56	165.38	179.00	197.55	186.20	217.00	215.50	155.34	160.70
- STD. DEV.	0.00	7.37	13.90	26.18	21.53	23.96	18.94	20.86	0.00	82.73	32.05	35.24

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	9	28	116	25	0	22	0	0
% AT STAGE	0.00	4.50	14.00	58.00	12.50	0.00	11.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	97	1	10	108
%	89.81	0.93	9.26	100.00
% SAMPLE WEIGHT	13.70	0.07	0.10	13.87

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	91	108	0	199
%	45.73	54.27	0.00	100.00
MEAN WEIGHT	153.02	167.38	0.00	160.81
% SAMP. WT.	43.51	56.49	0.00	100.00

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 23 - BARKLEY SOUND

SAMPLE NUMBERS: 312,121, 34,120, 61, 38, 14, 60, 13,117, 137, 71,103,113, 12, 11,192, 26, 70

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 25/84 - MAR 13/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	502	611	172	115	128	69	12	12	4	273	1898
% AT AGE	0.00	30.89	37.60	10.58	7.08	7.88	4.25	0.74	0.74	0.25	0.00	100.00
LENGTH - MEAN(mm)	0.00	168.46	188.89	204.33	215.15	221.43	224.97	226.00	234.17	245.00	189.83	190.76
- STD. DEV.	0.00	7.78	10.00	10.41	9.57	8.18	8.68	11.33	9.39	2.58	20.09	21.15
WEIGHT - MEAN(gm)	0.00	68.56	101.08	131.20	154.83	167.52	176.46	173.83	197.00	222.00	104.55	107.51
- STD. DEV.	0.00	11.05	17.56	22.46	21.55	21.67	19.03	21.15	20.68	16.43	37.75	39.80

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	5	1	3	437	1365	86	1	0	0
% AT STAGE	0.26	0.05	0.16	23.02	71.92	4.53	0.05	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	258	722	1	981
%	26.30	73.60	0.10	100.00
% SAMPLE WEIGHT	4.62	20.48	0.00	25.10

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	917	981	0	1898
%	48.31	51.69	0.00	100.00
MEAN WEIGHT	102.09	112.57	0.00	107.51
% SAMP. WT.	45.88	54.12	0.00	100.00

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 24 - CLAYOQUOT SOUND

SAMPLE NUMBERS: 330, 8, 7,308,170, 25,165,173

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 25/84 - MAR 6/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	107	218	123	84	102	61	14	9	4	77	799
% AT AGE	0.00	14.82	30.19	17.04	11.63	14.13	8.45	1.94	1.25	0.55	0.00	100.00
LENGTH - MEAN(mm)	0.00	169.40	189.73	204.29	215.43	219.43	224.87	232.57	227.00	231.75	196.68	200.48
- STD. DEV.	0.00	9.40	10.21	11.08	9.27	9.11	9.40	6.93	7.65	12.12	24.12	21.28
WEIGHT - MEAN(gm)	0.00	69.25	102.16	130.25	157.18	165.20	176.10	195.57	184.11	184.25	119.23	126.17
- STD. DEV.	0.00	13.19	18.20	21.41	22.84	25.06	24.20	21.32	23.75	52.89	46.25	42.58

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	111	677	9	1	0	1
% AT STAGE	0.00	0.00	0.00	13.89	84.73	1.13	0.13	0.00	0.13

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	83	319	0	402
%	20.65	79.35	0.00	100.00
% SAMPLE WEIGHT	4.42	22.50	0.00	26.92

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	396	402	1	799
%	49.56	50.31	0.13	100.00
MEAN WEIGHT	121.05	131.38	58.00	126.17
% SAMP. WT.	47.55	52.39	0.06	100.00

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 25 - NOOTKA SOUND

SAMPLE NUMBERS: 24,188,187

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 27/84 - MAR 13/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	122	98	9	2	4	7	1	2	0	55	300
% AT AGE	0.00	49.80	40.00	3.67	0.82	1.63	2.86	0.41	0.82	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	168.40	187.15	195.00	203.50	216.25	221.43	227.00	224.00	0.00	175.89	179.37
- STD. DEV.	0.00	8.45	10.97	10.17	12.02	10.24	5.53	0.00	11.31	0.00	12.70	16.29
WEIGHT - MEAN(gm)	0.00	66.16	93.89	111.78	119.50	152.00	153.14	189.00	146.00	0.00	76.24	82.91
- STD. DEV.	0.00	11.10	17.79	19.17	6.36	33.49	6.72	0.00	16.97	0.00	18.42	26.01

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	1	66	221	10	2	0	0
% AT STAGE	0.00	0.00	0.33	22.00	73.67	3.33	0.67	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	61	134	0	195
%	31.28	68.72	0.00	100.00
% SAMPLE WEIGHT	5.48	17.85	0.00	23.33

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	104	195	1	300
%	34.67	65.00	0.33	100.00
MEAN WEIGHT	76.36	86.54	55.00	82.91
% SAMP. WT.	31.95	67.85	0.22	100.00

TABLE 10 PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 2 - PORT LOUIS

SAMPLE NUMBERS: 124,171

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 3/84 - MAR 4/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	2	0	22	2	131	2	0	0	21	180
% AT AGE	0.00	0.00	1.26	0.00	13.84	1.26	82.39	1.26	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	188.00	0.00	223.55	234.50	232.73	225.50	0.00	0.00	226.52	230.32
- STD. DEV.	0.00	0.00	7.07	0.00	8.09	0.71	7.87	10.61	0.00	0.00	10.76	9.93
WEIGHT - MEAN(gm)	0.00	0.00	101.50	0.00	168.55	201.50	191.30	186.50	0.00	0.00	183.90	186.72
- STD. DEV.	0.00	0.00	3.54	0.00	22.69	4.95	23.77	10.61	0.00	0.00	26.02	26.22

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	8	166	6	0	0	0
% AT STAGE	0.00	0.00	0.00	4.44	92.22	3.33	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	5	89	0	94
%	5.32	94.68	0.00	100.00
% SAMPLE WEIGHT	1.20	28.64	0.00	29.84

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	86	94	0	180
%	47.78	52.22	0.00	100.00
MEAN WEIGHT	177.22	195.40	0.00	186.72
% SAMP. WT.	45.35	54.65	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 3 - RENNELL SOUND

SAMPLE NUMBERS: 135,146

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 5/84 - MAR 6/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	2	2	42	10	105	5	3	0	11	180
% AT AGE	0.00	0.00	1.18	1.18	24.85	5.92	62.13	2.96	1.78	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	188.00	212.00	220.71	227.30	228.48	234.80	245.67	0.00	223.91	226.15
- STD. DEV.	0.00	0.00	4.24	8.49	7.62	10.66	7.71	12.68	3.21	0.00	9.88	10.03
WEIGHT - MEAN(gm)	0.00	0.00	103.50	132.00	158.60	186.00	179.97	189.00	186.67	0.00	164.55	173.36
- STD. DEV.	0.00	0.00	7.79	33.94	16.38	28.41	22.77	13.40	47.17	0.00	23.98	25.40

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	1	106	68	5	0	0	0
% AT STAGE	0.00	0.00	0.56	58.89	37.78	2.78	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	85	7	0	92
%	92.39	7.61	0.00	100.00
% SAMPLE WEIGHT	22.27	2.65	0.00	24.92

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	88	92	0	180
%	48.89	51.11	0.00	100.00
MEAN WEIGHT	167.48	178.98	0.00	173.36
% SAMP. WT.	47.23	52.77	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 5 - ENGLEFIELD BAY

SAMPLE NUMBERS: 306,302

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: APR 1/84 - APR 3/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	32	4	1	111	0	17	2	0	1	19	187
% AT AGE	0.00	19.05	2.38	0.60	66.07	0.00	10.12	1.19	0.00	0.60	0.00	100.00
LENGTH - MEAN(mm)	0.00	173.78	197.00	208.00	218.34	0.00	226.24	241.00	0.00	253.00	183.42	207.80
- STD. DEV.	0.00	5.31	10.86	0.00	7.34	0.00	9.90	5.66	0.00	0.00	19.32	21.58
WEIGHT - MEAN(gm)	0.00	72.88	112.00	128.00	152.98	0.00	168.71	169.50	0.00	214.00	88.21	133.61
- STD. DEV.	0.00	8.66	15.81	0.00	22.57	0.00	24.68	24.75	0.00	0.00	35.54	41.67

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	1	152	27	7	0	0
% AT STAGE	0.00	0.00	0.00	0.53	81.28	14.44	3.74	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	1	81	3	85
%	1.18	95.29	3.53	100.00
% SAMPLE WEIGHT	0.12	27.97	0.06	28.15

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	102	85	0	187
%	54.55	45.45	0.00	100.00
MEAN WEIGHT	129.16	138.96	0.00	133.61
% SAMP. WT.	52.73	47.27	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 6 - LOUSCOONE INLET

SAMPLE NUMBERS: 127

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 11/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	7	19	7	6	15	37	0	0	0	8	99
% AT AGE	0.00	7.69	20.88	7.69	6.59	16.48	40.66	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	175.43	190.11	196.57	217.50	222.40	223.27	0.00	0.00	0.00	198.75	209.17
- STD. DEV.	0.00	4.83	11.29	7.66	5.09	7.23	6.89	0.00	0.00	0.00	26.52	19.57
WEIGHT - MEAN(gm)	0.00	83.00	110.26	117.71	165.33	173.73	175.89	0.00	0.00	0.00	124.63	147.51
- STD. DEV.	0.00	4.97	25.82	14.53	13.78	28.89	22.34	0.00	0.00	0.00	54.41	41.97

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	0	0	23	72	0	3	0	0
% AT STAGE	1.01	0.00	0.00	23.23	72.73	0.00	3.03	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	11	55	1	67
%	16.42	82.09	1.49	100.00
% SAMPLE WEIGHT	3.07	23.50	0.03	26.60

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	32	67	0	99
%	32.32	67.68	0.00	100.00
MEAN WEIGHT	128.94	156.37	0.00	147.51
% SAMP. WT.	28.25	71.75	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 24 - LASKEEK BAY

SAMPLE NUMBERS: 56,149,335,163,294,130,133,129,139,152,
334,159, 64,166,157, 65

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 3/84 - MAR 25/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	39	542	71	41	120	547	16	6	1	215	1598
% AT AGE	0.00	2.82	39.19	5.13	2.96	8.68	39.55	1.16	0.43	0.07	0.00	100.00
LENGTH - MEAN(mm)	0.00	165.00	185.50	197.42	207.88	213.38	217.41	230.63	229.67	248.00	197.58	201.40
- STD. DEV.	0.00	7.17	8.98	10.29	8.06	9.62	10.38	9.20	12.01	0.00	18.62	18.96
WEIGHT - MEAN(gm)	0.00	62.46	94.51	116.28	136.15	144.30	154.23	185.19	188.33	226.00	119.10	124.60
- STD. DEV.	0.00	9.49	17.12	23.21	16.68	24.89	24.38	27.55	34.69	0.00	54.52	39.89

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	365	1167	66	0	0	0
% AT STAGE	0.00	0.00	0.00	22.84	73.03	4.13	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	264	508	0	772
%	34.20	65.80	0.00	100.00
% SAMPLE WEIGHT	7.12	18.45	0.00	25.57

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	825	772	0	1597
%	51.66	48.34	0.00	100.00
MEAN WEIGHT	116.70	133.05	0.00	124.60
% SAMP. WT.	48.38	51.62	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 25 - SKINCUTTLE INLET

SAMPLE NUMBERS: 123,193,316,128,132,142,155,325,161

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 3/84 - MAR 13/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	14	238	48	20	83	364	9	2	1	71	850
% AT AGE	0.00	1.80	30.55	6.16	2.57	10.65	46.73	1.16	0.26	0.13	0.00	100.00
LENGTH - MEAN(mm)	0.00	169.00	187.88	198.06	210.10	213.98	218.14	228.56	238.00	233.00	203.62	206.09
- STD. DEV.	0.00	5.64	7.72	8.00	7.90	8.65	9.18	10.04	5.66	0.00	16.14	16.88
WEIGHT - MEAN(gm)	0.00	67.29	97.47	117.25	137.50	143.83	157.06	179.78	189.00	169.00	122.96	132.38
- STD. DEV.	0.00	8.53	13.54	18.76	18.10	21.72	24.23	25.40	28.28	0.00	31.34	34.68

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	89	698	62	1	0	0
% AT STAGE	0.00	0.00	0.00	10.47	82.12	7.29	0.12	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	66	361	1	428
%	15.42	84.35	0.23	100.00
% SAMPLE WEIGHT	3.35	23.73	0.01	27.10

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	422	428	0	850
%	49.65	50.35	0.00	100.00
MEAN WEIGHT	124.31	140.34	0.00	132.38
% SAMP. WT.	46.62	53.38	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 32 - PORTLAND INLET

SAMPLE NUMBERS: 292

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 15/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	1	67	12	8	2	3	0	0	0	7	100
% AT AGE	0.00	1.08	72.04	12.90	8.60	2.15	3.23	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	136.00	162.18	179.33	181.63	195.00	197.00	0.00	0.00	0.00	166.43	167.53
- STD. DEV.	0.00	0.00	9.57	11.24	12.74	0.00	17.35	0.00	0.00	0.00	11.56	14.31
WEIGHT - MEAN(gm)	0.00	29.00	55.40	74.58	81.63	107.50	100.33	0.00	0.00	0.00	58.71	62.16
- STD. DEV.	0.00	0.00	11.45	13.24	14.80	2.12	28.71	0.00	0.00	0.00	9.98	17.97

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	6	19	62	11	1	0	0	0
% AT STAGE	1.00	6.00	19.00	62.00	11.00	1.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	67	2	0	69
%	97.10	2.90	0.00	100.00
% SAMPLE WEIGHT	16.60	0.64	0.00	17.24

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	31	69	0	100
%	31.00	69.00	0.00	100.00
MEAN WEIGHT	54.94	65.41	0.00	62.16
% SAMP. WT.	27.40	72.60	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 33 - PORT SIMPSON

SAMPLE NUMBERS: 299,258,291,276,279,286,282

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 13/84 - MAR 24/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	7	237	149	78	56	115	5	1	0	50	698
% AT AGE	0.00	1.08	36.57	22.99	12.04	8.64	17.75	0.77	0.15	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	151.43	170.97	182.68	199.51	206.20	210.99	226.20	243.00	0.00	189.10	187.68
- STD. DEV.	0.00	6.97	10.86	9.61	8.99	9.33	11.05	10.71	0.00	0.00	21.34	19.75
WEIGHT - MEAN(gm)	0.00	42.00	69.52	82.61	109.62	120.86	132.90	164.00	199.00	0.00	94.74	93.75
- STD. DEV.	0.00	5.54	16.11	16.09	18.75	18.89	24.86	46.37	0.00	0.00	34.31	32.42

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	4	19	118	209	340	6	1	0	1
% AT STAGE	0.57	2.72	16.91	29.94	48.71	0.86	0.14	0.00	0.14

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	236	107	1	344
%	68.60	31.10	0.29	100.00
% SAMPLE WEIGHT	11.92	9.78	0.01	21.72

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	350	344	4	698
%	50.14	49.28	0.57	100.00
MEAN WEIGHT	90.75	97.19	60.25	93.75
% SAMP. WT.	48.54	51.09	0.37	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 42 - BIG BAY

SAMPLE NUMBERS: 283,277,307

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 23/84 - MAR 27/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	146	41	29	25	26	6	1	1	25	300
% AT AGE	0.00	0.00	53.09	14.91	10.55	9.09	9.45	2.18	0.36	0.36	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	173.08	188.00	197.83	205.16	210.77	232.33	243.00	263.00	186.28	186.27
- STD. DEV.	0.00	0.00	9.17	8.98	7.26	6.72	12.26	5.43	0.00	0.00	22.84	19.19
WEIGHT - MEAN(gm)	0.00	0.00	74.45	97.20	111.41	121.36	135.31	170.67	224.00	239.00	95.16	95.01
- STD. DEV.	0.00	0.00	13.78	14.00	21.52	13.74	21.03	18.02	0.00	0.00	38.37	31.77

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	3	64	202	27	3	0	0
% AT STAGE	0.00	0.33	1.00	21.33	67.33	9.00	1.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	53	123	2	178
%	29.78	69.10	1.12	100.00
% SAMPLE WEIGHT	6.17	20.03	0.01	26.21

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	122	178	0	300
%	40.67	59.33	0.00	100.00
MEAN WEIGHT	87.10	100.44	0.00	95.01
% SAMP. WT.	37.28	62.72	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 52 - KITKATLA CHANNEL

SAMPLE NUMBERS: 263,261,317,328,296,285,259,284,280,333

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 17/84 - MAR 28/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	2	302	105	87	163	257	11	2	2	66	997
% AT AGE	0.00	0.21	32.44	11.28	9.34	17.51	27.60	1.18	0.21	0.21	0.00	100.00
LENGTH - MEAN(mm)	0.00	163.00	178.15	188.10	200.30	208.06	211.10	222.91	227.00	234.50	196.15	196.38
- STD. DEV.	0.00	9.90	8.72	9.83	9.01	8.08	9.64	8.42	9.90	12.02	17.26	17.25
WEIGHT - MEAN(gm)	0.00	59.50	82.53	95.11	114.06	127.02	138.42	154.45	156.00	169.50	108.67	111.09
- STD. DEV.	0.00	6.36	14.73	16.13	17.34	17.88	22.58	24.22	7.07	61.52	27.72	30.14

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	97	828	71	1	0	0
% AT STAGE	0.00	0.00	0.00	9.73	83.05	7.12	0.10	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	45	431	0	476
%	9.45	90.55	0.00	100.00
% SAMPLE WEIGHT	1.84	26.48	0.00	28.32

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	520	476	0	996
%	52.21	47.79	0.00	100.00
MEAN WEIGHT	103.49	119.38	0.00	111.08
% SAMP. WT.	48.64	51.36	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 67 - KITASU BAY

SAMPLE NUMBERS: 186,168,336,326,190,169,297,156,184,147

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 4/84 - MAR 26/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	42	53	75	121	154	425	18	9	1	102	1000
% AT AGE	0.00	4.68	5.90	8.35	13.47	17.15	47.33	2.00	1.00	0.11	0.00	100.00
LENGTH - MEAN(mm)	0.00	159.12	183.60	194.32	202.40	207.26	210.18	219.83	235.67	242.00	203.32	203.78
- STD. DEV.	0.00	7.55	9.05	11.73	7.03	8.45	8.90	10.85	17.10	0.00	15.36	15.58
WEIGHT - MEAN(gm)	0.00	60.00	91.28	113.07	121.79	131.25	137.27	160.89	189.78	184.00	127.29	126.90
- STD. DEV.	0.00	8.93	16.03	14.47	16.99	18.73	21.13	23.92	35.29	0.00	27.25	28.04

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	2	24	153	702	104	12	0	2
% AT STAGE	0.10	0.20	2.40	15.30	70.20	10.40	1.20	0.00	0.20

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	150	353	6	509
%	29.47	69.35	1.18	100.00
% SAMPLE WEIGHT	5.95	20.20	0.04	26.20

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	490	509	0	999
%	49.05	50.95	0.00	100.00
MEAN WEIGHT	120.45	133.10	0.00	126.89
% SAMP. WT.	46.56	53.44	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 71 - OTHER AREA 7

SAMPLE NUMBERS: 174,158,160,196,172,178,177,298,167,140, 303,138

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 5/84 - MAR 26/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	31	93	115	195	169	416	26	9	1	144	1199
% AT AGE	0.00	2.94	8.82	10.90	18.48	16.02	39.43	2.46	0.85	0.09	0.00	100.00
LENGTH - MEAN(mm)	0.00	155.45	181.40	188.51	198.01	204.85	208.65	213.58	223.00	247.00	199.18	200.07
- STD. DEV.	0.00	8.83	14.74	10.61	10.29	10.64	10.67	12.51	11.96	0.00	15.78	16.32
WEIGHT - MEAN(gm)	0.00	58.94	93.19	103.61	118.79	131.78	140.59	152.69	169.11	184.00	121.45	124.68
- STD. DEV.	0.00	10.50	30.60	19.50	19.74	22.46	25.52	29.99	36.25	0.00	28.78	31.06

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	2	2	10	158	954	59	14	0	0
% AT STAGE	0.17	0.17	0.83	13.18	79.57	4.92	1.17	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	151	424	7	582
%	25.95	72.85	1.20	100.00
% SAMPLE WEIGHT	4.85	22.09	0.01	26.96

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	613	582	3	1198
%	51.17	48.58	0.25	100.00
MEAN WEIGHT	119.41	130.36	90.33	124.65
% SAMP. WT.	49.01	50.80	0.18	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 72 - POWELL ANCHORAGE

SAMPLE NUMBERS: 315

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 3/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	3	2	15	27	20	23	3	1	0	6	100
% AT AGE	0.00	3.19	2.13	15.96	28.72	21.28	24.47	3.19	1.06	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	167.00	188.50	201.00	203.30	210.45	215.52	223.00	236.00	0.00	205.50	206.86
- STD. DEV.	0.00	14.00	6.36	10.25	10.84	8.85	8.85	1.00	0.00	0.00	9.63	13.69
WEIGHT - MEAN(gm)	0.00	63.67	101.50	117.47	122.37	138.75	151.83	172.00	201.00	0.00	125.33	131.96
- STD. DEV.	0.00	15.95	6.36	19.43	24.14	23.17	17.83	16.64	0.00	0.00	19.49	28.77

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	0	54	45	0	0	0	0
% AT STAGE	0.00	1.00	0.00	54.00	45.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	53	3	0	56
%	94.64	5.36	0.00	100.00
% SAMPLE WEIGHT	23.98	1.64	0.00	25.52

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	44	56	0	100
%	44.00	56.00	0.00	100.00
MEAN WEIGHT	125.18	137.29	0.00	131.96
% SAMP. WT.	41.74	58.26	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 73 - GUNBOAT PASSAGE

SAMPLE NUMBERS: 189,162,323

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 6/84 - MAR 8/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	12	18	42	92	28	67	2	4	0	34	299
% AT AGE	0.00	4.53	6.79	15.85	34.72	10.57	25.28	0.75	1.51	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	155.67	182.39	186.02	191.07	208.71	210.81	210.50	224.50	0.00	195.68	195.59
- STD. DEV.	0.00	7.92	12.40	11.26	15.99	10.57	10.26	16.26	7.72	0.00	20.58	19.06
WEIGHT - MEAN(gm)	0.00	60.83	94.50	101.64	111.73	150.96	154.36	164.50	170.50	0.00	121.65	122.73
- STD. DEV.	0.00	11.60	22.67	22.46	30.16	30.30	29.01	53.03	19.43	0.00	35.76	38.09

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	0	2	157	133	6	0	0	0
% AT STAGE	0.33	0.00	0.67	52.51	44.48	2.01	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	145	46	0	191
%	75.92	24.08	0.00	100.00
% SAMPLE WEIGHT	18.66	8.15	0.00	26.82

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	107	191	1	299
%	35.79	63.88	0.33	100.00
MEAN WEIGHT	117.06	126.19	68.00	122.73
% SAMP. WT.	34.13	65.68	0.19	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 74 - THOMPSON BAY

SAMPLE NUMBERS: 148,332,338,200,176,321,180,115,197,181,
136,131,194,182,125,199,337,126,144,164

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 1/84 - MAR 29/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	135	176	230	282	275	609	48	15	0	226	1996
% AT AGE	0.00	7.63	9.94	12.99	15.93	15.54	34.41	2.71	0.85	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	158.18	181.44	192.00	202.93	209.62	213.19	215.10	219.40	0.00	202.28	201.14
- STD. DEV.	0.00	9.15	11.65	11.00	9.81	9.31	9.49	9.22	13.93	0.00	19.30	18.98
WEIGHT - MEAN(gm)	0.00	58.44	91.18	110.87	133.88	145.69	157.73	158.23	174.33	0.00	132.03	131.94
- STD. DEV.	0.00	11.82	19.69	22.76	22.16	21.90	23.65	22.21	31.24	0.00	37.16	37.49

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	8	377	1494	114	2	1	0
% AT STAGE	0.00	0.00	0.40	18.89	74.85	5.71	0.10	0.05	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	322	719	1	1042
%	30.90	69.00	0.10	100.00
% SAMPLE WEIGHT	7.66	20.38	0.02	28.06

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	953	1042	0	1995
%	47.77	52.23	0.00	100.00
MEAN WEIGHT	122.55	140.54	0.00	131.95
% SAMP. WT.	44.37	55.63	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 75 - MCNAUGHTON GROUP

SAMPLE NUMBERS: 185

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 21/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	7	5	11	33	9	21	6	0	0	8	100
% AT AGE	0.00	7.61	5.43	11.96	35.87	9.78	22.83	6.52	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	160.29	169.80	188.09	199.48	212.56	211.81	208.50	0.00	0.00	202.50	198.55
- STD. DEV.	0.00	8.26	7.36	6.58	9.42	12.29	10.74	8.67	0.00	0.00	11.30	17.54
WEIGHT - MEAN(gm)	0.00	60.71	72.40	98.27	123.52	143.56	153.10	144.17	0.00	0.00	124.38	123.11
- STD. DEV.	0.00	5.68	12.90	13.61	20.19	30.73	27.63	17.81	0.00	0.00	27.75	34.49

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	8	90	1	1	0	0
% AT STAGE	0.00	0.00	0.00	8.00	90.00	1.00	1.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	2	64	0	66
%	3.03	96.97	0.00	100.00
% SAMPLE WEIGHT	0.34	29.76	0.00	30.10

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	34	66	0	100
%	34.00	66.00	0.00	100.00
MEAN WEIGHT	108.97	130.39	0.00	123.11
% SAMP. WT.	30.10	69.90	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 85 - KWAKSHUA CHANNEL

SAMPLE NUMBERS: 183

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 2/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	1	11	18	8	35	5	10	1	1	0	10	100
% AT AGE	1.11	12.22	20.00	8.89	38.89	5.56	11.11	1.11	1.11	0.00	0.00	100.00
LENGTH - MEAN(mm)	131.00	158.18	171.22	185.50	191.89	203.00	200.90	207.00	223.00	0.00	184.50	184.52
- STD. DEV.	0.00	9.67	11.92	9.72	12.53	6.52	8.48	0.00	0.00	0.00	19.98	19.00
WEIGHT - MEAN(gm)	24.00	53.64	71.89	89.38	99.94	113.00	115.90	122.00	153.00	0.00	85.20	89.72
- STD. DEV.	0.00	12.42	15.13	16.55	20.27	6.89	18.10	0.00	0.00	0.00	23.24	27.00

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	1	8	43	47	0	0	0	0
% AT STAGE	1.00	1.00	8.00	43.00	47.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	48	6	0	54
%	88.89	11.11	0.00	100.00
% SAMPLE WEIGHT	17.35	2.16	0.00	19.51

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	46	54	0	100
%	46.00	54.00	0.00	100.00
MEAN WEIGHT	83.50	95.02	0.00	89.72
% SAMP. WT.	42.81	57.19	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 131 - OTHER AREA 13 STRAIT

SAMPLE NUMBERS: 58

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 10/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	7	75	14	1	1	0	0	0	0	0	2	100
% AT AGE	7.14	76.53	14.29	1.02	1.02	0.00	0.00	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	100.14	140.99	160.43	164.00	170.00	0.00	0.00	0.00	0.00	0.00	140.50	141.36
- STD. DEV.	4.71	10.23	9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.95	16.60
WEIGHT - MEAN(gm)	12.71	36.00	52.86	65.00	58.00	0.00	0.00	0.00	0.00	0.00	37.50	37.27
- STD. DEV.	1.25	7.07	7.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.36	11.68

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	74	0	2	15	9	0	0	0	0
% AT STAGE	74.00	0.00	2.00	15.00	9.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	41	0	0	41
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	2.90	0.00	0.00	2.90

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	58	41	1	100
%	58.00	41.00	1.00	100.00
MEAN WEIGHT	37.26	37.88	13.00	37.27
% SAMP. WT.	57.98	41.67	0.35	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 132 - KANISH BAY

SAMPLE NUMBERS: 57

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 11/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	17	57	14	2	2	1	0	0	0	6	99
% AT AGE	0.00	18.28	61.29	15.05	2.15	2.15	1.08	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	154.47	169.84	182.07	199.50	212.50	230.00	0.00	0.00	0.00	177.50	171.46
- STD. DEV.	0.00	5.83	8.60	9.38	6.36	3.54	0.00	0.00	0.00	0.00	21.82	15.48
WEIGHT - MEAN(gm)	0.00	46.76	65.58	80.86	117.00	124.50	163.00	0.00	0.00	0.00	77.50	68.44
- STD. DEV.	0.00	5.80	12.03	13.76	22.63	19.09	0.00	0.00	0.00	0.00	30.45	22.05

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	4	5	1	54	35	0	0	0	0
% AT STAGE	4.04	5.05	1.01	54.55	35.35	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	52	0	0	52
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	12.77	0.00	0.00	12.77

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	47	52	0	99
%	47.47	52.53	0.00	100.00
MEAN WEIGHT	64.55	71.96	0.00	68.44
% SAMP. WT.	44.78	55.22	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 142 - BAYNES SOUND

SAMPLE NUMBERS: 15, 63, 69, 9, 10, 322, 66, 37, 68, 327, 42, 319, 17, 41, 67, 29

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 17/84 - MAR 8/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	65	467	455	250	127	68	11	9	2	140	1594
% AT AGE	0.00	4.47	32.12	31.29	17.19	8.73	4.68	0.76	0.62	0.14	0.00	100.00
LENGTH - MEAN(mm)	0.00	161.03	183.23	197.36	208.68	217.03	219.60	221.73	234.89	236.50	197.79	196.50
- STD. DEV.	0.00	13.21	13.16	10.55	10.45	9.81	10.90	8.86	8.05	4.95	18.69	18.65
WEIGHT - MEAN(gm)	0.00	57.08	90.07	117.39	139.88	157.54	163.71	177.27	194.78	183.00	120.76	116.86
- STD. DEV.	0.00	15.01	21.27	21.06	22.30	23.37	24.78	24.65	21.66	5.66	37.49	35.71

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	2	6	550	981	52	3	0	0
% AT STAGE	0.00	0.13	0.38	34.50	61.54	3.26	0.19	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	383	389	2	774
%	49.48	50.26	0.26	100.00
% SAMPLE WEIGHT	10.26	14.23	0.01	24.49

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	820	774	0	1594
%	51.44	48.56	0.00	100.00
MEAN WEIGHT	112.90	121.05	0.00	116.86
% SAMP. WT.	49.70	50.30	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 144 - FRENCH CREEK

SAMPLE NUMBERS: 318

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 10/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	8	23	21	16	7	8	1	1	1	14	100
% AT AGE	0.00	9.30	26.74	24.42	16.60	8.14	9.30	1.16	1.16	1.16	0.00	100.00
LENGTH - MEAN(mm)	0.00	174.38	186.22	201.76	207.31	217.00	221.50	229.00	216.00	226.00	183.79	197.67
- STD. DEV.	0.00	8.73	9.14	10.14	18.49	8.93	12.07	0.00	0.00	0.00	24.07	20.04
WEIGHT - MEAN(gm)	0.00	73.63	92.96	123.43	134.69	148.43	171.00	162.00	154.00	165.00	93.21	116.67
- STD. DEV.	0.00	15.81	13.95	23.86	35.34	18.16	32.12	0.00	0.00	0.00	45.54	38.97

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	0	86	10	4	0	0
% AT STAGE	0.00	0.00	0.00	0.00	86.00	10.00	4.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	0	38	3	41
%	0.00	92.68	7.32	100.00
% SAMPLE WEIGHT	0.00	25.17	0.14	25.30

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	59	41	0	100
%	59.00	41.00	0.00	100.00
MEAN WEIGHT	111.61	123.95	0.00	116.67
% SAMP. WT.	56.44	43.56	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 152 - LUND

SAMPLE NUMBERS: 16, 40, 23, 4, 18, 31, 49, 55, 20, 43, 19, 39, 195

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 21/84 - MAR 5/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	42	547	385	115	61	35	16	9	2	84	1296
% AT AGE	0.00	3.47	45.13	31.77	9.49	5.03	2.89	1.32	0.74	0.17	0.00	100.00
LENGTH - MEAN(mm)	0.00	153.00	178.47	193.33	202.91	211.79	215.57	215.81	221.00	237.50	188.08	188.27
- STD. DEV.	0.00	10.50	9.44	9.04	9.40	9.44	10.59	11.69	7.86	4.95	19.37	16.75
WEIGHT - MEAN(gm)	0.00	49.10	80.15	104.77	122.79	143.57	149.17	156.44	163.33	200.00	99.33	98.04
- STD. DEV.	0.00	9.04	13.45	16.54	18.29	21.85	27.42	27.54	23.99	19.80	30.13	28.97

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	4	3	18	637	555	77	1	1	0
% AT STAGE	0.31	0.23	1.39	49.15	42.82	5.94	0.08	0.08	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	485	246	0	731
%	66.35	33.65	0.00	100.00
% SAMPLE WEIGHT	13.26	7.91	0.00	21.17

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	565	731	0	1296
%	43.60	56.40	0.00	100.00
MEAN WEIGHT	95.72	99.83	0.00	98.04
% SAMP. WT.	42.56	57.44	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 162 - STILLWATER

SAMPLE NUMBERS: 122, 1,119, 44, 51,320, 50,198, 3,304

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 20/84 - MAR 3/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	32	436	261	102	46	14	9	0	0	92	992
% AT AGE	0.00	3.56	48.44	29.00	11.33	5.11	1.56	1.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	151.50	175.84	188.98	199.12	204.70	208.43	209.33	0.00	0.00	182.97	183.67
- STD. DEV.	0.00	8.98	8.98	9.63	10.10	9.73	12.38	16.29	0.00	0.00	19.44	15.61
WEIGHT - MEAN(gm)	0.00	47.63	78.94	101.02	119.76	131.87	143.00	142.11	0.00	0.00	96.02	93.45
- STD. DEV.	0.00	8.48	13.79	16.30	21.72	23.24	28.30	35.64	0.00	0.00	31.94	26.73

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	7	490	464	30	0	0	0
% AT STAGE	0.00	0.10	0.71	49.40	46.77	3.02	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	343	222	0	565
%	60.71	39.29	0.00	100.00
% SAMPLE WEIGHT	11.30	10.71	0.00	22.01

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	425	565	1	991
%	42.89	57.01	0.10	100.00
MEAN WEIGHT	90.66	95.68	50.00	93.48
% SAMP. WT.	41.59	58.35	0.05	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 32, 36, 54,314,309

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 21/84 - MAR 22/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	107	174	65	41	25	8	7	4	0	67	498
% AT AGE	0.00	24.83	40.37	15.08	9.51	5.80	1.86	1.62	0.93	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	166.82	186.18	200.80	210.39	222.52	222.38	226.71	221.00	0.00	180.34	188.39
- STD. DEV.	0.00	8.80	11.43	10.76	7.76	8.64	6.30	8.96	12.11	0.00	19.26	20.35
WEIGHT - MEAN(gm)	0.00	62.42	88.86	114.91	133.00	168.68	160.00	167.71	149.00	0.00	83.73	96.26
- STD. DEV.	0.00	8.65	17.46	20.26	22.51	20.99	17.23	26.49	47.42	0.00	33.38	35.76

HJDR: MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	10	6	56	212	110	1	102	0	1
% AT STAGE	2.01	1.20	11.24	42.57	22.09	0.20	20.48	0.00	0.20

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	162	8	47	217
%	74.65	3.69	21.66	100.00
% SAMPLE WEIGHT	12.94	0.91	0.49	14.35

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	280	217	1	498
%	56.22	43.57	0.20	100.00
MEAN WEIGHT	90.48	103.88	61.00	96.26
% SAMP. WT.	52.85	47.02	0.13	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 172 - NANOOSE BAY

SAMPLE NUMBERS: 21, 6, 30, 5, 28, 22

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 24/84 - MAR 4/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	1	191	235	58	28	9	4	0	0	0	72	598
% AT AGE	0.19	36.31	44.68	11.03	5.32	1.71	0.76	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	149.00	166.48	185.54	200.81	206.93	218.78	220.00	0.00	0.00	0.00	183.82	182.40
- STD. DEV.	0.00	8.38	12.08	10.64	14.79	6.22	2.16	0.00	0.00	0.00	16.01	17.58
WEIGHT - MEAN(gm)	46.00	63.54	91.00	116.53	129.75	159.78	158.75	0.00	0.00	0.00	89.44	87.75
- STD. DEV.	0.00	10.59	17.54	19.94	27.46	12.95	11.87	0.00	0.00	0.00	27.89	28.18

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	1	5	248	263	80	0	0	0
% AT STAGE	0.17	0.17	0.84	41.47	43.98	13.38	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	153	116	0	269
%	56.88	43.12	0.00	100.00
% SAMPLE WEIGHT	10.49	10.88	0.00	21.38

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	329	269	0	598
%	55.02	44.98	0.00	100.00
MEAN WEIGHT	86.04	89.83	0.00	87.75
% SAMP. WT.	53.95	46.05	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 2,300,116, 62,305, 33,311, 35, 52, 53, 45, 59

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 20/84 - MAR 21/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	342	343	179	122	53	22	9	4	2	120	1196
% AT AGE	0.00	31.78	31.88	16.64	11.34	4.93	2.04	0.84	0.37	0.19	0.00	100.00
LENGTH - MEAN(mm)	0.00	167.30	190.02	203.37	214.02	221.68	223.50	232.56	233.75	242.00	186.88	190.23
- STD. DEV.	0.00	9.25	10.38	8.99	8.32	8.17	9.42	8.32	5.25	2.83	19.49	21.00
WEIGHT - MEAN(gm)	0.00	62.98	96.65	123.98	146.69	164.89	166.95	183.56	202.25	208.00	95.32	101.60
- STD. DEV.	0.00	11.99	18.06	18.64	20.53	26.50	28.39	24.62	7.18	14.14	33.03	38.30

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	5	1	8	299	627	152	104	0	0
% AT STAGE	0.42	0.08	0.67	25.00	52.42	12.71	8.70	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	206	327	48	581
%	35.46	56.28	8.26	100.00
% SAMPLE WEIGHT	6.90	15.03	0.14	22.11

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	612	581	3	1196
%	51.17	48.58	0.25	100.00
MEAN WEIGHT	96.84	106.90	44.00	101.60
% SAMP. WT.	48.78	51.12	0.11	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 181 - OTHER AREA 18

SAMPLE NUMBERS: 191,310

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 22/84 - MAR 23/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	3	9	41	32	55	11	5	1	2	41	200
% AT AGE	0.00	1.89	5.66	25.79	20.13	34.59	6.92	3.14	0.63	1.26	0.00	100.00
LENGTH - MEAN(mm)	0.00	169.67	195.11	208.32	221.66	225.20	233.27	237.00	243.00	248.00	214.34	217.82
- STD. DEV.	0.00	5.86	10.12	10.90	7.29	9.34	7.88	4.00	0.00	18.38	13.82	15.34
WEIGHT - MEAN(gm)	0.00	64.33	107.44	139.56	165.38	179.00	197.55	186.20	217.00	215.50	155.34	160.70
- STD. DEV.	0.00	7.37	13.90	26.18	21.53	23.96	18.94	20.86	0.00	82.73	32.05	35.24

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	9	28	116	25	0	22	0	0
% AT STAGE	0.00	4.50	14.00	58.00	12.50	0.00	11.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	97	1	10	108
%	89.81	0.93	9.26	100.00
% SAMPLE WEIGHT	13.70	0.07	0.10	13.87

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	91	108	0	199
%	45.73	54.27	0.00	100.00
MEAN WEIGHT	153.02	167.38	0.00	160.81
% SAMP. WT.	43.51	56.49	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 231 - OTHER AREA 23

SAMPLE NUMBERS: 1-13

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 12/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	27	34	7	4	2	1	1	0	0	23	99
% AT AGE	0.00	35.53	44.74	9.21	5.26	2.63	1.32	1.32	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	169.07	190.06	199.29	215.25	222.50	224.00	229.00	0.00	0.00	185.65	186.37
- STD. DEV.	0.00	5.18	10.63	9.79	14.22	3.54	0.00	0.00	0.00	0.00	14.63	17.27
WEIGHT - MEAN(gm)	0.00	67.93	100.12	120.71	153.00	167.00	163.00	185.00	0.00	0.00	91.61	95.80
- STD. DEV.	0.00	8.28	18.86	23.92	22.32	11.31	0.00	0.00	0.00	0.00	26.42	31.30

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	15	84	0	0	0	0
% AT STAGE	0.00	0.00	0.00	15.15	84.85	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	0	47	0	47
%	0.00	100.00	0.00	100.00
% SAMPLE WEIGHT	0.00	26.35	0.00	26.35

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	52	47	0	99
%	52.53	47.47	0.00	100.00
MEAN WEIGHT	93.48	98.36	0.00	95.80
% SAMP. WT.	51.25	48.75	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 232 - MACOAH PASS

SAMPLE NUMBERS: 12, 11,103, 71,192, 26, 70,117,137, 13, 312,121, 34,120, 61, 38, 60

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 25/84 - MAR 13/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	468	535	156	97	117	59	10	11	4	242	1699
% AT AGE	0.00	32.12	36.72	10.71	6.66	8.03	4.05	0.69	0.75	0.27	0.00	100.00
LENGTH - MEAN(mm)	0.00	168.38	189.16	205.16	215.82	221.44	22[illegible]	225.40	235.64	245.00	189.77	190.66
- STD. DEV.	0.00	7.94	9.84	10.16	9.50	8.35	8.86	12.43	8.27	2.58	20.32	21.39
WEIGHT - MEAN(gm)	0.00	68.52	101.20	132.81	155.68	166.88	177.00	172.20	198.82	222.00	104.68	107.19
- STD. DEV.	0.00	11.21	17.55	22.20	22.26	21.56	20.08	22.96	20.66	16.43	37.83	40.04

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	3	1	3	363	1243	85	1	0	0
% AT STAGE	0.18	0.06	0.18	21.37	73.16	5.00	0.06	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	230	653	1	884
%	26.02	73.87	0.11	100.00
% SAMPLE WEIGHT	4.20	20.74	0.00	24.94

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	815	884	0	1699
%	47.97	52.03	0.00	100.00
MEAN WEIGHT	102.13	111.87	0.00	107.19
% SAMP. WT.	45.70	54.30	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 233 - MAYNE BAY

SAMPLE NUMBERS: 14

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 26/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	7	42	9	14	9	9	1	1	0	8	100
% AT AGE	0.00	7.61	45.65	9.78	15.22	9.78	9.78	1.09	1.09	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	171.00	184.48	193.78	210.43	221.00	220.11	229.00	218.00	0.00	203.63	196.81
- STD. DEV.	0.00	4.83	10.62	8.91	7.94	7.04	6.33	0.00	0.00	0.00	22.83	19.16
WEIGHT - MEAN(gm)	0.00	73.86	100.31	111.44	149.50	176.00	174.44	179.00	177.00	0.00	137.63	124.37
- STD. DEV.	0.00	9.04	17.04	14.81	16.19	24.83	11.20	0.00	0.00	0.00	45.97	36.21

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	2	0	0	59	38	1	0	0	0
% AT STAGE	2.00	0.00	0.00	59.00	38.00	1.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	28	22	0	50
%	56.00	44.00	0.00	100.00
% SAMPLE WEIGHT	13.72	12.84	0.00	26.56

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	50	50	0	100
%	50.00	50.00	0.00	100.00
MEAN WEIGHT	110.42	138.32	0.00	124.37
% SAMP. WT.	44.39	55.61	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 243 - SYDNEY INLET

SAMPLE NUMBERS: 25,165,173,308,170,330, 8, 7

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 25/84 - MAR 6/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	107	218	123	84	102	61	14	9	4	77	799
% AT AGE	0.00	14.82	30.19	17.04	11.63	14.13	8.45	1.94	1.25	0.55	0.00	100.00
LENGTH - MEAN(mm)	0.00	169.40	189.73	204.29	215.43	219.43	224.87	232.57	227.00	231.75	196.68	200.48
- STD. DEV.	0.00	9.40	10.21	11.08	9.27	9.11	9.40	6.93	7.65	12.12	24.12	21.28
WEIGHT - MEAN(gm)	0.00	69.25	102.16	130.25	157.18	165.20	176.10	195.57	184.11	184.25	119.23	126.17
- STD. DEV.	0.00	13.19	18.20	21.41	22.84	25.06	24.20	21.32	23.75	52.89	46.25	42.58

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	111	677	9	1	0	1
% AT STAGE	0.00	0.00	0.00	13.89	84.73	1.13	0.13	0.00	0.13

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	83	319	0	402
%	20.65	79.35	0.00	100.00
% SAMPLE WEIGHT	4.42	22.50	0.00	26.92

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	396	402	1	799
%	49.56	50.31	0.13	100.00
MEAN WEIGHT	121.05	131.38	58.00	126.17
% SAMP. WT.	47.55	52.39	0.06	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 251 - OTHER AREA 25

SAMPLE NUMBERS: 187

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 7/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	48	19	1	0	0	1	0	0	0	31	100
% AT AGE	0.00	69.57	27.54	1.45	0.00	0.00	1.45	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	169.08	190.58	187.00	0.00	0.00	229.00	0.00	0.00	0.00	173.77	175.40
- STD. DEV.	0.00	8.80	9.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.01	13.79
WEIGHT - MEAN(gm)	0.00	63.63	94.63	86.00	0.00	0.00	148.00	0.00	0.00	0.00	71.77	73.11
- STD. DEV.	0.00	11.59	15.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.26	19.71

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	6	93	1	0	0	0
% AT STAGE	0.00	0.00	0.00	6.00	93.00	1.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	6	50	0	56
%	10.71	89.29	0.00	100.00
% SAMPLE WEIGHT	1.91	24.09	0.00	25.99

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	44	56	0	100
%	44.00	56.00	0.00	100.00
MEAN WEIGHT	66.14	78.59	0.00	73.11
% SAMP. WT.	39.80	60.20	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 253 - NUCHATLITZ INLET

SAMPLE NUMBERS: 188, 24

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 27/84 - MAR 13/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	74	79	8	2	4	6	1	2	0	24	200
% AT AGE	0.00	42.05	44.89	4.55	1.14	2.27	3.41	0.57	1.14	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	167.96	186.33	196.00	203.50	216.25	220.17	227.00	224.00	0.00	178.63	181.36
- STD. DEV.	0.00	8.24	11.28	10.39	12.02	10.24	4.83	0.00	11.31	0.00	13.29	17.09
WEIGHT - MEAN(gm)	0.00	67.81	93.71	115.00	119.50	152.00	154.00	189.00	146.00	0.00	82.00	87.81
- STD. DEV.	0.00	10.53	18.41	17.70	6.36	33.49	6.93	0.00	16.97	0.00	18.62	27.41

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	1	60	128	9	2	0	0
% AT STAGE	0.00	0.00	0.50	30.00	64.00	4.50	1.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	55	84	0	139
%	39.57	60.43	0.00	100.00
% SAMPLE WEIGHT	6.73	15.66	0.00	22.39

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	60	139	1	200
%	30.00	69.50	0.50	100.00
MEAN WEIGHT	83.85	89.75	55.00	87.81
% SAMP. WT.	28.65	71.04	0.31	100.00

TABLE 11 SEINE ROE FISHERY SAMPLE SUMMARIES BY AREA

AREA: 2E - EAST COAST Q.C.I.

SAMPLE NUMBERS: 231,213,278,241,216,262,220,227,243,244

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

DATE: MAR 12/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	4	298	26	19	109	382	7	3	3	146	997
% AT AGE	0.00	0.47	35.02	3.06	2.23	12.81	44.89	0.82	0.35	0.35	0.00	100.00
LENGTH - MEAN(mm)	0.00	177.25	187.38	197.42	211.68	213.69	216.58	212.29	226.33	239.33	196.81	203.96
- STD. DEV.	0.00	18.79	10.91	10.27	9.70	8.67	10.00	14.21	5.13	9.02	16.17	17.29
WEIGHT - MEAN(gm)	0.00	84.50	94.47	113.31	138.00	136.46	149.49	148.57	187.33	189.67	112.65	125.03
- STD. DEV.	0.00	28.10	19.74	22.99	23.46	20.82	24.07	36.32	19.04	9.87	31.80	33.97

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	1	72	838	85	1	0	0
% AT STAGE	0.00	0.00	0.10	7.22	84.05	8.53	0.10	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	55	461	1	517
%	10.64	89.17	0.19	100.00
% SAMPLE WEIGHT	1.92	26.41	0.07	28.39

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	480	517	0	997
%	48.14	51.86	0.00	100.00
MEAN WEIGHT	116.26	133.17	0.00	125.03
% SAMP. WT.	44.77	55.23	0.00	100.00

TABLE 11 (CONT.) SEINE ROE FISHERY SAMPLE SUMMARIES BY AREA

AREA: 5 - GRENVILLE-PRINCIPE

SAMPLE NUMBERS: 265,210,288,281,206,219,179,268,201,275

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

DATE: MAR 21/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	4	254	102	90	162	269	6	3	0	109	999
% AT AGE	0.00	0.45	28.54	11.46	10.11	18.20	30.22	0.67	0.34	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	155.75	180.51	189.37	201.10	207.21	210.78	217.17	246.00	0.00	192.62	197.39
- STD. DEV.	0.00	8.73	9.17	8.28	8.71	8.14	10.35	9.28	12.49	0.00	16.97	16.43
WEIGHT - MEAN(gm)	0.00	55.50	83.46	94.99	113.87	121.39	134.87	144.17	186.00	0.00	101.51	109.90
- STD. DEV.	0.00	10.97	13.47	14.34	19.82	16.51	22.70	25.15	32.70	0.00	26.96	28.35

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	27	883	87	2	0	0
% AT STAGE	0.00	0.00	0.00	2.70	88.39	8.71	0.20	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	23	452	0	475
%	4.84	95.16	0.00	100.00
% SAMPLE WEIGHT	0.92	26.43	0.00	27.35

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	521	475	1	997
%	52.26	47.64	0.10	100.00
MEAN WEIGHT	103.72	116.72	99.00	109.91
% SAMP. WT.	49.31	50.60	0.09	100.00

TABLE 11 (CONT.) SEINE ROE FISHERY SAMPLE SUMMARIES BY AREA

AREA: 7 - BELLA BELLA

SAMPLE NUMBERS: 274,235,247,273,232,230,246,272,238,287, 209,249,237,150,239,242,151,208,212,229, 175,266,211,153

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

DATE: MAR 16/84 - MAR 17/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	33	95	142	358	356	992	38	13	4	326	2357
% AT AGE	0.00	1.62	4.68	6.99	17.63	17.53	48.84	1.87	0.64	0.20	0.00	100.00
LENGTH - MEAN(mm)	0.00	161.94	181.31	194.15	201.38	206.56	208.87	218.37	232.08	238.50	197.70	203.51
- STD. DEV.	0.00	8.07	10.76	9.30	8.12	9.03	8.90	10.42	15.05	6.61	17.55	13.79
WEIGHT - MEAN(gm)	0.00	60.73	87.13	107.80	120.08	129.17	133.76	152.71	175.08	175.25	115.57	124.61
- STD. DEV.	0.00	8.47	18.04	16.59	16.87	19.30	19.53	25.75	37.38	11.15	29.13	25.29

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	3	64	2043	235	9	0	3
% AT STAGE	0.00	0.00	0.13	2.72	86.68	9.97	0.38	0.00	0.13

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	55	1027	4	1086
%	5.06	94.57	0.37	100.00
% SAMPLE WEIGHT	0.96	28.85	0.04	29.85

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	1270	1086	0	2356
%	53.90	46.10	0.00	100.00
MEAN WEIGHT	118.32	131.97	0.00	124.62
% SAMP. WT.	51.18	48.82	0.00	100.00

TABLE 11 (CONT.) SEINE ROE FISHERY SAMPLE SUMMARIES BY AREA

AREA: 15 - WESTVIEW

SAMPLE NUMBERS: 112,106,107, 98,105,110, 91, 76,104,109,
93, 100, 108, 102, 101, 85, 89, 86, 73

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

DATE: MAR 2/84 - MAR 4/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	12	564	621	226	130	71	23	7	2	240	1896
% AT AGE	0.00	0.72	34.06	37.50	13.65	7.85	4.29	1.39	0.42	0.12	0.00	100.00
LENGTH - MEAN(mm)	0.00	160.50	177.48	191.90	201.38	207.21	209.10	214.35	216.43	220.50	191.01	190.51
- STD. DEV.	0.00	9.26	8.93	8.59	9.28	8.98	10.11	7.90	12.18	10.61	17.55	14.87
WEIGHT - MEAN(gm)	0.00	57.50	81.87	105.89	125.53	142.75	139.82	154.96	154.57	185.00	105.68	105.41
- STD. DEV.	0.00	12.70	13.91	16.55	22.19	55.72	22.96	23.04	29.40	24.04	31.31	31.36

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	1	2	405	1411	75	1	0	0
% AT STAGE	0.05	0.05	0.11	21.36	74.42	3.96	0.05	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	131	853	0	984
%	13.31	86.69	0.00	100.00
% SAMPLE WEIGHT	2.61	22.71	0.00	25.32

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	910	984	1	1895
%	48.02	51.93	0.05	100.00
MEAN WEIGHT	100.75	109.77	60.00	105.42
% SAMP. WT.	45.90	54.07	0.03	100.00

TABLE 11 (CONT.) SEINE ROE FISHERY SAMPLE SUMMARIES BY AREA

AREA: 23 - BARKLEY SOUND

SAMPLE NUMBERS: 87, 83, 84, 82, 90, 74, 94, 78, 77, 95

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

DATE: MAR 8/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	157	304	121	85	82	54	8	10	0	175	996
% AT AGE	0.00	19.12	37.03	14.74	10.35	9.99	6.58	0.97	1.22	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	169.59	189.09	204.30	213.18	220.56	224.80	228.00	233.80	0.00	189.32	195.25
- STD. DEV.	0.00	8.57	10.79	10.06	9.18	8.50	7.05	8.67	7.97	0.00	23.27	21.30
WEIGHT - MEAN(gm)	0.00	69.15	100.77	130.88	148.19	163.51	175.13	182.13	192.80	0.00	103.34	114.72
- STD. DEV.	0.00	15.19	19.23	20.75	21.07	22.89	19.62	20.04	27.03	0.00	42.18	40.64

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	3	1	169	797	25	1	0	0
% AT STAGE	0.00	0.30	0.10	16.97	80.02	2.51	0.10	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	45	510	0	555
%	8.11	91.89	0.00	100.00
% SAMPLE WEIGHT	1.21	25.36	0.00	26.57

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	441	555	0	996
%	44.28	55.72	0.00	100.00
MEAN WEIGHT	106.43	121.30	0.00	114.72
% SAMP. WT.	41.08	58.92	0.00	100.00

TABLE 12 SEINE ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 24 - LASKEEK BAY

SAMPLE NUMBERS: 231,213,278,241,216,262,220,227,243,244

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

DATE: MAR 12/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	4	298	26	19	109	382	7	3	3	146	997
% AT AGE	0.00	0.47	35.02	3.06	2.23	12.81	44.89	0.82	0.35	0.35	0.00	100.00
LENGTH - MEAN(mm)	0.00	177.25	187.38	197.42	211.68	213.69	216.58	212.29	226.33	239.33	196.81	203.96
- STD. DEV.	0.00	18.79	10.91	10.27	9.70	8.67	10.00	14.21	5.13	9.02	16.17	17.29
WEIGHT - MEAN(gm)	0.00	84.50	94.47	113.31	138.00	136.46	149.49	148.57	187.33	189.67	112.65	125.03
- STD. DEV.	0.00	28.10	19.74	22.99	23.46	20.82	24.07	36.32	19.04	9.87	31.80	33.97

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	1	72	838	85	1	0	0
% AT STAGE	0.00	0.00	0.10	7.22	84.05	8.53	0.10	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	55	461	1	517
%	10.64	89.17	0.19	100.00
% SAMPLE WEIGHT	1.92	26.41	0.07	28.39

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	480	517	0	997
%	48.14	51.86	0.00	100.00
MEAN WEIGHT	116.26	133.17	0.00	125.03
% SAMP. WT.	44.77	55.23	0.00	100.00

TABLE 12 (CONT.) SEINE ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 52 - KITKATLA CHANNEL

SAMPLE NUMBERS: 265,210,288,281,206,219,179,268,201,275

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

DATE: MAR 21/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	4	254	102	90	162	269	6	3	0	109	999
% AT AGE	0.00	0.45	28.54	11.46	10.11	18.20	30.22	0.67	0.34	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	155.75	180.51	189.37	201.10	207.21	210.78	217.17	246.00	0.00	192.62	197.39
- STD. DEV.	0.00	8.73	9.17	8.28	8.71	8.14	10.35	9.28	12.49	0.00	16.97	16.43
WEIGHT - MEAN(gm)	0.00	55.50	83.46	94.99	113.87	121.39	134.87	144.17	186.00	0.00	101.51	109.90
- STD. DEV.	0.00	10.97	13.47	14.34	19.82	16.51	22.70	25.15	32.70	0.00	26.96	28.35

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	27	883	87	2	0	0
% AT STAGE	0.00	0.00	0.00	2.70	88.39	8.71	0.20	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	23	452	0	475
%	4.84	95.16	0.00	100.00
% SAMPLE WEIGHT	0.92	26.43	0.00	27.35

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	521	475	1	997
%	52.26	47.64	0.10	100.00
MEAN WEIGHT	103.72	116.72	99.00	109.91
% SAMP. WT.	49.31	50.60	0.09	100.00

TABLE 12 (CONT.) SEINE ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 71 - OTHER AREA 7

SAMPLE NUMBERS: 274,235,247,273,232,230,246,272,238,287, 209,249,237,150,239,242,151,208,212,229, 175,266,211,153

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

DATE: MAR 16/84 - MAR 17/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	33	95	142	358	356	992	38	13	4	326	2357
% AT AGE	0.00	1.62	4.68	6.99	17.63	17.53	48.84	1.87	0.64	0.20	0.00	100.00
LENGTH - MEAN(mm)	0.00	161.94	181.31	194.15	201.38	206.56	208.87	218.37	232.06	238.50	197.70	203.51
- STD. DEV.	0.00	8.07	10.76	9.30	8.12	9.03	8.90	10.42	15.05	6.61	17.55	13.79
WEIGHT - MEAN(gm)	0.00	60.73	87.13	107.80	120.08	129.17	133.76	152.71	175.08	175.25	115.57	124.61
- STD. DEV.	0.00	8.47	18.04	16.59	16.87	19.30	19.53	25.75	37.38	11.15	29.13	25.29

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	3	64	2043	235	9	0	3
% AT STAGE	0.00	0.00	0.13	2.72	86.68	9.97	0.38	0.00	0.13

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	55	1027	4	1086
%	5.06	94.57	0.37	100.00
% SAMPLE WEIGHT	0.96	28.85	0.04	29.85

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	1270	1086	0	2356
%	53.90	46.10	0.00	100.00
MEAN WEIGHT	118.32	131.97	0.00	124.62
% SAMP. WT.	51.18	48.82	0.00	100.00

TABLE 12 (CONT.) SEINE ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 152 - LUND

SAMPLE NUMBERS: 112,106,107, 98,105,110, 91, 76,104,109, 93,100,108,102,101, 85, 89, 88, 73

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

DATE: MAR 2/84 - MAR 4/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	12	564	621	226	130	71	23	7	2	240	1896
% AT AGE	0.00	0.72	34.06	37.50	13.65	7.85	4.29	1.39	0.42	0.12	0.00	100.00
LENGTH - MEAN(mm)	0.00	160.50	177.48	191.90	201.38	207.21	209.10	214.35	216.43	220.50	191.01	190.51
- STD. DEV.	0.00	9.26	8.95	8.59	9.28	8.98	10.11	7.90	12.18	10.61	17.55	14.87
WEIGHT - MEAN(gm)	0.00	57.50	81.87	105.89	125.53	142.75	139.82	154.96	154.57	185.00	105.68	105.41
- STD. DEV.	0.00	12.70	13.91	16.55	22.19	55.72	22.96	23.04	29.40	24.04	31.31	31.36

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	1	2	405	1411	75	1	0	0
% AT STAGE	0.05	0.05	0.11	21.36	74.42	3.96	0.05	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	131	853	0	984
%	13.31	86.69	0.00	100.00
% SAMPLE WEIGHT	2.61	22.71	0.00	25.32

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	910	984	1	1895
%	48.02	51.95	0.05	100.00
MEAN WEIGHT	100.75	109.77	60.00	105.42
% SAMP. WT.	45.90	54.07	0.03	100.00

TABLE 12 (CONT.) SEINE ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 232 - MACOAH PASS

SAMPLE NUMBERS: 87, 83, 84, 82, 90, 74, 94, 78, 77, 95

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

DATE: MAR 8/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	157	304	121	85	82	54	8	10	0	175	996
% AT AGE	0.00	19.12	37.03	14.74	10.35	9.99	6.58	0.97	1.22	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	169.59	189.09	204.30	213.18	220.56	224.80	228.00	233.80	0.00	189.32	195.25
- STD. DEV.	0.00	8.57	10.79	10.06	9.18	8.50	7.05	8.67	7.97	0.00	23.27	21.30
WEIGHT - MEAN(gm)	0.00	69.15	100.77	130.88	148.19	163.51	175.13	182.13	192.80	0.00	103.34	114.72
- STD. DEV.	0.00	15.19	19.23	20.75	21.07	22.89	19.62	20.04	27.03	0.00	42.18	40.64

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	3	1	169	797	25	1	0	0
% AT STAGE	0.00	0.30	0.10	16.97	80.02	2.51	0.10	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	45	510	0	555
%	8.11	91.89	0.00	100.00
% SAMPLE WEIGHT	1.21	25.36	0.00	26.57

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	441	555	0	996
%	44.28	55.72	0.00	100.00
MEAN WEIGHT	106.43	121.30	0.00	114.72
% SAMP. WT.	41.08	58.92	0.00	100.00

TABLE 13 GILLNET ROE FISHERY SAMPLE SUMMARIES BY AREA

AREA: 2E - EAST COAST Q.C.I.

SAMPLE NUMBERS: 224,207,214,226,205,240

SOURCE: ROE FISHERY

GEAR: GILLNET

DATE: MAR 14/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	11	5	18	35	313	7	1	1	209	600
% AT AGE	0.00	0.00	2.81	1.28	4.60	8.95	80.05	1.79	0.26	0.26	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	196.00	202.80	209.83	216.31	219.35	226.14	239.00	225.00	217.15	217.68
- STD. DEV.	0.00	0.00	6.71	4.82	7.70	9.89	9.42	12.95	0.00	0.00	9.42	10.14
WEIGHT - MEAN(gm)	0.00	0.00	119.36	130.40	141.61	146.74	157.16	172.86	220.00	168.00	150.80	153.26
- STD. DEV.	0.00	0.00	10.10	12.52	16.75	19.83	21.88	29.09	0.00	0.00	17.62	21.29

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	8	497	93	2	0	0
% AT STAGE	0.00	0.00	0.00	1.33	82.83	15.50	0.33	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	5	267	1	273
%	1.83	97.80	0.37	100.00
% SAMPLE WEIGHT	0.35	28.52	0.01	28.87

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	327	273	0	600
%	54.50	45.50	0.00	100.00
MEAN WEIGHT	148.32	159.18	0.00	153.26
% SAMP. WT.	52.74	47.26	0.00	100.00

TABLE 13 (CONT.) GILLNET ROE FISHERY SAMPLE SUMMARIES BY AREA

AREA: 4 - SKEENA

SAMPLE NUMBERS: 289,204,236,215,218,245,250

SOURCE: ROE FISHERY

GEAR: GILLNET

DATE: MAR 26/84 - MAR 30/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	5	10	65	108	290	17	6	4	194	699
% AT AGE	0.00	0.00	0.99	1.98	12.87	21.39	57.43	3.37	1.19	0.79	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	190.00	207.90	214.80	215.63	219.60	229.47	238.33	236.75	217.28	218.02
- STD. DEV.	0.00	0.00	7.97	6.23	6.62	7.65	9.18	10.59	5.75	11.81	9.11	9.71
WEIGHT - MEAN(gm)	0.00	0.00	101.20	130.00	143.51	141.06	150.49	166.88	171.00	174.00	144.73	146.85
- STD. DEV.	0.00	0.00	18.51	19.67	13.02	16.85	21.56	26.68	15.24	25.47	17.70	20.42

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	2	620	73	4	0	0
% AT STAGE	0.00	0.00	0.00	0.29	88.70	10.44	0.57	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	1	466	1	468
%	0.21	99.57	0.21	100.00
% SAMPLE WEIGHT	0.05	28.63	0.00	28.68

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	231	468	0	699
%	33.05	66.95	0.00	100.00
MEAN WEIGHT	141.41	149.54	0.00	146.85
% SAMP. WT.	31.82	68.18	0.00	100.00

TABLE 13 (CONT.) GILLNET ROE FISHERY SAMPLE SUMMARIES BY AREA

AREA: 6 - BUTEDALE

SAMPLE NUMBERS: 254,251,203,222,252,223

SOURCE: ROE FISHERY

GEAR: GILLNET

DATE: MAR 27/84 - MAR 28/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	1	4	46	62	289	19	4	2	173	600
% AT AGE	0.00	0.00	0.23	0.94	10.77	14.52	67.68	4.45	0.94	0.47	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	196.00	202.25	208.85	213.45	213.70	223.68	221.50	238.00	212.75	213.37
- STD. DEV.	0.00	0.00	0.00	5.06	9.20	7.23	9.36	8.85	5.07	5.66	8.46	9.28
WEIGHT - MEAN(gm)	0.00	0.00	104.00	120.75	131.93	139.19	140.90	158.26	160.00	175.00	139.31	140.17
- STD. DEV.	0.00	0.00	0.00	5.12	18.80	20.32	19.22	18.94	12.38	49.50	19.23	19.89

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	2	499	91	8	0	0
% AT STAGE	0.00	0.00	0.00	0.33	83.17	15.17	1.33	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	2	333	4	339
%	0.59	98.23	1.18	100.00
% SAMPLE WEIGHT	0.16	28.72	0.03	28.91

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	261	339	0	600
%	43.50	56.50	0.00	100.00
MEAN WEIGHT	133.12	145.60	0.00	140.17
% SAMP. WT.	41.31	58.69	0.00	100.00

TABLE 13 (CONT.) GILLNET ROE FISHERY SAMPLE SUMMARIES BY AREA

AREA: 7 - BELLA BELLA

SAMPLE NUMBERS: 253,221,234,267,248,260,257,256,255,225, 264,269

SOURCE: ROE FISHERY

GEAR: GILLNET

DATE: MAR 27/84 - MAR 28/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	2	30	106	138	407	36	9	4	442	1174
% AT AGE	0.00	0.00	0.27	4.10	14.48	18.85	55.60	4.92	1.23	0.55	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	194.50	203.17	207.94	214.94	217.08	220.25	224.67	233.25	213.40	214.44
- STD. DEV.	0.00	0.00	0.71	9.71	7.35	8.90	7.94	8.77	12.25	12.69	8.62	9.14
WEIGHT - MEAN(gm)	0.00	0.00	97.50	132.33	140.00	151.34	156.45	155.50	169.78	172.75	149.71	151.24
- STD. DEV.	0.00	0.00	10.61	19.07	18.73	21.53	20.90	15.24	24.11	11.62	19.69	21.06

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	7	1112	49	6	0	0
% AT STAGE	0.00	0.00	0.00	0.60	94.72	4.17	0.51	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	4	689	3	696
%	0.57	98.99	0.43	100.00
% SAMPLE WEIGHT	0.14	30.76	0.00	30.91

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	476	696	0	1172
%	40.61	59.39	0.00	100.00
MEAN WEIGHT	142.08	157.51	0.00	151.24
% SAMP. WT.	38.15	61.85	0.00	100.00

TABLE 13 (CONT.) GILLNET ROE FISHERY SAMPLE SUMMARIES BY AREA

AREA: 14 - COMOX

SAMPLE NUMBERS: 79,145,154, 80, 81, 96, 92,143, 75,141, 72,134

SOURCE: ROE FISHERY

GEAR: GILLNET

DATE: MAR 9/84 - MAR 11/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	54	231	238	147	71	13	5	7	430	1196
% AT AGE	0.00	0.00	7.05	30.16	31.07	19.19	9.27	1.70	0.65	0.91	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	198.76	205.40	213.08	217.07	220.03	230.31	230.40	230.86	212.33	211.95
- STD. DEV.	0.00	0.00	6.86	7.99	8.48	10.02	10.60	11.41	14.84	6.36	11.00	11.13
WEIGHT - MEAN(gm)	0.00	0.00	116.41	129.81	145.90	154.69	162.79	181.38	163.60	182.00	143.71	143.43
- STD. DEV.	0.00	0.00	12.40	14.73	18.21	23.65	24.12	27.64	49.37	48.64	23.03	23.85

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	28	1095	71	2	0	0
% AT STAGE	0.00	0.00	0.00	2.34	91.56	5.94	0.17	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	5	592	1	598
%	0.84	99.00	0.17	100.00
% SAMPLE WEIGHT	0.26	26.77	0.00	27.02

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	596	598	0	1194
%	49.92	50.08	0.00	100.00
MEAN WEIGHT	141.77	145.06	0.00	143.42
% SAMP. WT.	49.34	50.66	0.00	100.00

TABLE 13 (CONT.) GILLNET ROE FISHERY SAMPLE SUMMARIES BY AREA

AREA: 25 - NOOTKA SOUND

SAMPLE NUMBERS: 48,114, 99, 47, 97, 46, 86,111

SOURCE: ROE FISHERY

GEAR: GILLNET

DATE: MAR 5/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	10	40	107	194	190	32	20	2	190	785
% AT AGE	0.00	0.00	1.68	6.72	17.98	32.61	31.93	5.38	3.36	0.34	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	199.10	206.77	214.33	217.31	219.57	220.81	222.75	226.50	216.55	216.80
- STD. DEV.	0.00	0.00	4.95	6.18	6.62	6.70	6.98	4.75	6.87	2.12	7.54	7.78
WEIGHT - MEAN(gm)	0.00	0.00	127.40	141.30	151.10	156.31	158.83	159.94	158.55	152.00	155.50	155.08
- STD. DEV.	0.00	0.00	5.19	14.69	15.85	16.32	18.81	16.52	19.03	8.49	16.57	17.56

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	77	600	66	42	0	0
% AT STAGE	0.00	0.00	0.00	9.81	76.43	8.41	5.35	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	3	338	26	367
%	0.82	92.10	7.08	100.00
% SAMPLE WEIGHT	0.19	26.94	0.11	27.24

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	418	367	0	785
%	53.25	46.75	0.00	100.00
MEAN WEIGHT	152.15	158.41	0.00	155.08
% SAMP. WT.	52.24	47.76	0.00	100.00

TABLE 13 (CONT.) GILLNET ROE FISHERY SAMPLE SUMMARIES BY AREA

AREA: 27 - QUATSINO SOUND

SAMPLE NUMBERS: 233, 27,202,228,270,217,271

SOURCE: ROE FISHERY

GEAR: GILLNET

DATE: MAR 3/84 - MAR 6/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	0	18	182	72	144	11	5	0	255	687
% AT AGE	0.00	0.00	0.00	4.17	42.13	16.67	33.33	2.55	1.16	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	0.00	205.67	210.75	213.92	216.54	224.36	218.80	0.00	212.14	212.95
- STD. DEV.	0.00	0.00	0.00	4.65	6.63	8.81	7.33	12.65	4.27	0.00	7.80	8.04
WEIGHT - MEAN(gm)	0.00	0.00	0.00	140.56	148.83	155.67	160.51	170.64	162.80	0.00	150.75	152.94
- STD. DEV.	0.00	0.00	0.00	12.41	15.46	19.57	17.72	26.22	22.99	0.00	16.12	17.61

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	1	614	72	0	0	0
% AT STAGE	0.00	0.00	0.00	0.15	89.37	10.48	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	1	306	0	307
%	0.33	99.67	0.00	100.00
% SAMPLE WEIGHT	0.07	30.89	0.00	30.96

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	380	307	0	687
%	55.31	44.69	0.00	100.00
MEAN WEIGHT	147.87	159.22	0.00	152.94
% SAMP. WT.	53.48	46.52	0.00	100.00

TABLE 14 GILLNET ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 25 - SKINCUTTLE INLET

SAMPLE NUMBERS: 224,207,214,226,205,240

SOURCE: ROE FISHERY

GEAR: GILLNET

DATE: MAR 14/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	11	5	18	35	313	7	1	1	209	600
% AT AGE	0.00	0.00	2.81	1.28	4.60	8.95	80.05	1.79	0.26	0.26	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	196.00	202.80	209.83	216.31	219.35	226.14	239.00	225.00	217.15	217.68
- STD. DEV.	0.00	0.00	6.71	4.82	7.70	9.89	9.42	12.95	0.00	0.00	9.42	10.14
WEIGHT - MEAN(gm)	0.00	0.00	119.36	130.40	141.61	146.74	157.16	172.86	220.00	168.00	150.80	153.26
- STD. DEV.	0.00	0.00	10.10	12.52	16.75	19.83	21.88	29.09	0.00	0.00	17.62	21.29

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	8	497	93	2	0	0
% AT STAGE	0.00	0.00	0.00	1.33	82.83	15.50	0.33	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	5	267	1	273
%	1.83	97.80	0.37	100.00
% SAMPLE WEIGHT	0.35	28.52	0.01	28.87

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	327	273	0	600
%	54.50	45.50	0.00	100.00
MEAN WEIGHT	148.32	159.18	0.00	153.26
% SAMP. WT.	52.74	47.26	0.00	100.00

TABLE 14 (CONT.) GILLNET ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 42 - BIG BAY

SAMPLE NUMBERS: 289,204,236,215,218,245,250

SOURCE: ROE FISHERY

GEAR: GILLNET

DATE: MAR 26/84 - MAR 30/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	5	10	65	108	290	17	6	4	194	699
% AT AGE	0.00	0.00	0.99	1.98	12.87	21.39	57.43	3.37	1.19	0.79	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	190.00	207.90	214.80	215.63	219.60	229.47	238.33	236.75	217.28	218.02
- STD. DEV.	0.00	0.00	7.97	6.23	6.62	7.65	9.18	10.59	5.75	11.81	9.11	9.71
WEIGHT - MEAN(gm)	0.00	0.00	101.20	130.00	143.51	141.06	150.49	166.88	171.00	174.00	144.73	146.85
- STD. DEV.	0.00	0.00	18.51	19.67	13.02	16.85	21.56	26.68	15.24	25.47	17.70	20.42

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	2	620	73	4	0	0
% AT STAGE	0.00	0.00	0.00	0.29	88.70	10.44	0.57	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	1	466	1	468
%	0.21	99.57	0.21	100.00
% SAMPLE WEIGHT	0.05	28.63	0.00	28.68

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	231	468	0	699
%	33.05	66.95	0.00	100.00
MEAN WEIGHT	141.41	149.54	0.00	146.85
% SAMP. WT.	31.82	68.18	0.00	100.00

TABLE 14 (CONT.) GILLNET ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 67 - KITASU BAY

SAMPLE NUMBERS: 254,251,203,222,252,223

SOURCE: ROE FISHERY

GEAR: GILLNET

DATE: MAR 27/84 - MAR 28/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	1	4	46	62	289	19	4	2	173	600
% AT AGE	0.00	0.00	0.23	0.94	10.77	14.52	67.68	4.45	0.94	0.47	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	196.00	202.25	208.85	213.45	213.70	223.68	221.50	238.00	212.75	213.37
- STD. DEV.	0.00	0.00	0.00	5.06	9.20	7.23	9.36	8.85	5.07	5.66	8.46	9.28
WEIGHT - MEAN(gm)	0.00	0.00	104.00	120.75	131.95	139.19	140.90	158.26	160.00	175.00	139.31	140.17
- STD. DEV.	0.00	0.00	0.00	5.12	18.80	20.32	19.22	18.94	12.38	49.50	19.23	19.89

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	2	499	91	8	0	0
% AT STAGE	0.00	0.00	0.00	0.33	83.17	15.17	1.33	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	2	333	4	339
%	0.59	98.23	1.18	100.00
% SAMPLE WEIGHT	0.16	28.72	0.03	28.91

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	261	339	0	600
%	43.50	56.50	0.00	100.00
MEAN WEIGHT	133.12	145.60	0.00	140.17
% SAMP. WT.	41.31	58.69	0.00	100.00

TABLE 14 (CONT.) GILLNET ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 72 - POWELL ANCHORAGE

SAMPLE NUMBERS: 221,234,267,248,225,264

SOURCE: ROE FISHERY

GEAR: GILLNET

DATE: MAR 27/84 - MAR 28/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	1	10	51	85	174	14	6	3	230	574
% AT AGE	0.00	0.00	0.29	2.91	14.83	24.71	50.58	4.07	1.74	0.87	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	195.00	208.70	207.20	214.75	216.98	222.14	223.17	239.00	213.41	214.47
- STD. DEV.	0.00	0.00	0.00	5.77	7.68	8.77	7.54	10.42	11.37	6.56	8.62	9.02
WEIGHT - MEAN(gm)	0.00	0.00	105.00	144.80	141.82	151.31	157.40	158.29	163.67	177.67	153.51	153.44
- STD. DEV.	0.00	0.00	0.00	14.69	17.95	21.48	21.77	17.23	23.54	7.57	19.28	20.74

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	5	553	15	1	0	0
% AT STAGE	0.00	0.00	0.00	0.87	96.34	2.61	0.17	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	3	359	1	363
%	0.83	98.90	0.28	100.00
% SAMPLE WEIGHT	0.24	32.45	0.00	32.70

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	210	363	0	573
%	36.65	63.35	0.00	100.00
MEAN WEIGHT	144.08	158.90	0.00	153.47
% SAMP. WT.	34.41	65.59	0.00	100.00

TABLE 14 (CONT.) GILLNET ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 74 - THOMPSON BAY

SAMPLE NUMBERS: 269,255,256,257,260,253

SOURCE: ROE FISHERY

GEAR: GILLNET

DATE: MAR 27/84 - MAR 28/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	1	20	55	53	233	22	3	1	212	600
% AT AGE	0.00	0.00	0.26	5.15	14.18	13.66	60.05	5.67	0.77	0.26	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	194.00	200.40	208.64	215.25	217.16	219.05	227.67	216.00	213.39	214.40
- STD. DEV.	0.00	0.00	0.00	10.19	7.04	9.18	8.24	7.55	16.01	0.00	8.64	9.28
WEIGHT - MEAN(gm)	0.00	0.00	90.00	126.10	138.31	151.40	155.73	153.73	182.00	158.00	145.59	149.13
- STD. DEV.	0.00	0.00	0.00	18.17	19.44	21.81	20.24	13.96	24.56	0.00	19.34	21.16

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	2	559	34	5	0	0
% AT STAGE	0.00	0.00	0.00	0.33	93.17	5.67	0.83	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	1	330	2	333
%	0.30	99.10	0.60	100.00
% SAMPLE WEIGHT	0.03	28.88	0.00	28.92

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	266	333	0	599
%	44.41	55.59	0.00	100.00
MEAN WEIGHT	140.51	155.99	0.00	149.11
% SAMP. WT.	41.84	58.16	0.00	100.00

TABLE 14 (CONT.) GILLNET ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 142 - BAYNES SOUND

SAMPLE NUMBERS: 141, 72,134, 81, 96, 92,154, 80, 79,145, 143, 75

SOURCE: ROE FISHERY

GEAR: GILLNET

DATE: MAR 9/84 - MAR 11/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	54	231	238	147	71	13	5	7	430	1196
% AT AGE	0.00	0.00	7.05	30.16	31.07	19.19	9.27	1.70	0.65	0.91	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	198.76	205.40	213.08	217.07	220.03	230.31	230.40	230.83	212.33	211.95
- STD. DEV.	0.00	0.00	6.86	7.99	8.48	10.02	10.60	11.41	14.84	6.36	11.00	11.13
WEIGHT - MEAN(gm)	0.00	0.00	116.41	129.81	145.90	154.69	162.79	181.38	163.60	182.00	143.71	143.43
- STD. DEV.	0.00	0.00	12.40	14.73	18.21	23.65	24.12	27.64	49.37	48.64	23.03	23.85

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	28	1095	71	2	0	0
% AT STAGE	0.00	0.00	0.00	2.34	91.56	5.94	0.17	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	5	592	1	598
%	0.84	99.00	0.17	100.00
% SAMPLE WEIGHT	0.26	26.77	0.00	27.02

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	596	598	0	1194
%	49.92	50.08	0.00	100.00
MEAN WEIGHT	141.77	145.06	0.00	143.42
% SAMP. WT.	49.34	50.66	0.00	100.00

TABLE 14 (CONT.) GILLNET ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 253 - NUCHATLITZ INLET

SAMPLE NUMBERS: 86,111, 48,114, 99, 47, 97, 46

SOURCE: ROE FISHERY

GEAR: GILLNET

DATE: MAR 5/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	10	40	107	194	190	32	20	2	190	785
% AT AGE	0.00	0.00	1.68	6.72	17.98	32.61	31.93	5.38	3.36	0.34	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	199.10	206.77	214.33	217.31	219.57	220.81	222.75	226.50	216.55	216.80
- STD. DEV.	0.00	0.00	4.95	6.18	6.62	6.70	6.98	4.75	6.87	2.12	7.54	7.78
WEIGHT - MEAN(gm)	0.00	0.00	127.40	141.30	151.10	156.31	158.83	159.94	158.55	152.00	155.50	155.08
- STD. DEV.	0.00	0.00	5.19	14.69	15.85	16.32	18.81	16.52	19.03	8.49	16.57	17.57

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	77	600	66	42	0	0
% AT STAGE	0.00	0.00	0.00	9.81	76.43	8.41	5.35	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	3	338	26	367
%	0.82	92.10	7.08	100.00
% SAMPLE WEIGHT	0.19	26.94	0.11	27.24

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	418	367	0	785
%	53.25	46.75	0.00	100.00
MEAN WEIGHT	152.15	158.41	0.00	155.08
% SAMP. WT.	52.24	47.76	0.00	100.00

TABLE 14 (CONT.) GILLNET ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 273 - WINTER HARBOUR

SAMPLE NUMBERS: 202,228,270,217,271,233, 27

SOURCE: ROE FISHERY

GEAR: GILLNET

DATE: MAR 3/84 - MAR 6/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	0	18	182	72	144	11	5	0	255	687
% AT AGE	0.00	0.00	0.00	4.17	42.13	16.67	33.33	2.55	1.16	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	0.00	205.67	210.75	213.92	216.54	224.36	218.80	0.00	212.14	212.95
- STD. DEV.	0.00	0.00	0.00	4.65	6.63	8.81	7.33	12.65	4.27	0.00	7.80	8.04
WEIGHT - MEAN(gm)	0.00	0.00	0.00	140.56	148.85	155.67	160.51	170.64	162.80	0.00	150.75	152.94
- STD. DEV.	0.00	0.00	0.00	12.41	15.46	19.57	17.72	26.22	22.99	0.00	16.12	17.61

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	1	614	72	0	0	0
% AT STAGE	0.00	0.00	0.00	0.15	89.37	10.48	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	1	306	0	307
%	0.33	99.67	0.00	100.00
% SAMPLE WEIGHT	0.07	30.89	0.00	30.96

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	380	307	0	687
%	55.31	44.69	0.00	100.00
MEAN WEIGHT	147.87	159.22	0.00	152.94
% SAMP. WT.	53.48	46.52	0.00	100.00

TABLE 15 SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 2 - PORT LOUIS

SAMPLE NUMBERS: 124

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: MAR 3/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	0	0	15	1	51	1	0	0	12	80
% AT AGE	0.00	0.00	0.00	0.00	22.06	1.47	75.00	1.47	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	0.00	0.00	224.20	235.00	235.67	218.00	0.00	0.00	229.75	232.40
- STD. DEV.	0.00	0.00	0.00	0.00	7.23	0.00	7.44	0.00	0.00	0.00	8.79	8.86
WEIGHT - MEAN(gm)	0.00	0.00	0.00	0.00	171.07	205.00	201.16	179.00	0.00	0.00	195.00	194.36
- STD. DEV.	0.00	0.00	0.00	0.00	19.49	0.00	19.84	0.00	0.00	0.00	20.51	22.63

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	3	73	4	0	0	0
% AT STAGE	0.00	0.00	0.00	3.75	91.25	5.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	3	42	0	45
%	6.67	93.33	0.00	100.00
% SAMPLE WEIGHT	1.70	28.35	0.00	30.04

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	35	45	0	80
%	43.75	56.25	0.00	100.00
MEAN WEIGHT	188.06	199.27	0.00	194.36
% SAMP. WT.	42.33	57.67	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 2 - PORT LOUIS

SAMPLE NUMBERS: 171

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 4/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	2	0	7	1	80	1	0	0	9	100
% AT AGE	0.00	0.00	2.20	0.00	7.69	1.10	87.91	1.10	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	188.00	0.00	222.14	234.00	230.85	233.00	0.00	0.00	222.22	228.66
- STD. DEV.	0.00	0.00	7.07	0.00	10.19	0.00	7.60	0.00	0.00	0.00	12.12	10.46
WEIGHT - MEAN(gm)	0.00	0.00	101.50	0.00	163.14	198.00	185.01	194.00	0.00	0.00	169.11	180.60
- STD. DEV.	0.00	0.00	3.54	0.00	29.44	0.00	24.04	0.00	0.00	0.00	26.13	27.38

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	5	93	2	0	0	0
% AT STAGE	0.00	0.00	0.00	5.00	93.00	2.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	2	47	0	49
%	4.08	95.92	0.00	100.00
% SAMPLE WEIGHT	0.72	28.92	0.00	29.65

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	51	49	0	100
%	51.00	49.00	0.00	100.00
MEAN WEIGHT	169.78	191.86	0.00	180.60
% SAMP. WT.	47.95	52.05	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 3 - RENNELL SOUND

SAMPLE NUMBERS: 146,135

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 5/84 - MAR 6/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	2	2	42	10	105	5	3	0	11	180
% AT AGE	0.00	0.00	1.18	1.18	24.85	5.92	62.13	2.96	1.78	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	188.00	212.00	220.71	227.30	228.48	234.80	245.67	0.00	223.91	226.15
- STD. DEV.	0.00	0.00	4.24	8.49	7.62	10.66	7.71	12.68	3.21	0.00	9.88	10.03
WEIGHT - MEAN(gm)	0.00	0.00	103.50	132.00	158.60	186.00	179.97	189.00	186.67	0.00	164.55	173.36
- STD. DEV.	0.00	0.00	7.78	33.94	16.38	28.41	22.77	13.40	47.17	0.00	23.98	25.40

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	1	106	68	5	0	0	0
% AT STAGE	0.00	0.00	0.56	58.89	37.78	2.78	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	85	7	0	92
%	92.39	7.61	0.00	100.00
% SAMPLE WEIGHT	22.27	2.65	0.00	24.92

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	88	92	0	180
%	48.89	51.11	0.00	100.00
MEAN WEIGHT	167.48	178.98	0.00	173.36
% SAMP. WT.	47.23	52.77	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 5 - ENGLEFIELD BAY

SAMPLE NUMBERS: 302,306

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 41 DATE: APR 1/84 - APR 3/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	32	4	1	111	0	17	2	0	1	19	187
% AT AGE	0.00	19.05	2.38	0.60	66.07	0.00	10.12	1.19	0.00	0.60	0.00	100.00
LENGTH - MEAN(mm)	0.00	173.78	197.00	208.00	218.34	0.00	226.24	241.00	0.00	253.00	183.42	207.80
- STD. DEV.	0.00	5.31	10.86	0.00	7.34	0.00	9.90	5.66	0.00	0.00	19.32	21.58
WEIGHT - MEAN(gm)	0.00	72.88	112.00	128.00	152.98	0.00	168.71	169.50	0.00	214.00	88.21	133.61
- STD. DEV.	0.00	8.66	15.81	0.00	22.57	0.00	24.68	24.75	0.00	0.00	35.54	41.67

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	1	152	27	7	0	0
% AT STAGE	0.00	0.00	0.00	0.53	81.28	14.44	3.74	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	1	81	3	85
%	1.18	95.29	3.53	100.00
% SAMPLE WEIGHT	0.12	27.97	0.06	28.15

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	102	85	0	187
%	54.55	45.45	0.00	100.00
MEAN WEIGHT	129.16	138.96	0.00	133.61
% SAMP. WT.	52.73	47.27	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 6 - LOUSCOONE INLET

SAMPLE NUMBERS: 127

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 11/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	7	19	7	6	15	37	0	0	0	8	99
% AT AGE	0.00	7.69	20.88	7.69	6.59	16.48	40.66	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	175.43	190.11	196.57	217.50	222.40	223.27	0.00	0.00	0.00	198.75	209.17
- STD. DEV.	0.00	4.83	11.29	7.66	5.09	7.23	6.89	0.00	0.00	0.00	26.52	19.57
WEIGHT - MEAN(gm)	0.00	83.00	110.26	117.71	165.33	173.73	175.89	0.00	0.00	0.00	124.63	147.51
- STD. DEV.	0.00	4.97	25.82	14.53	13.78	28.89	22.34	0.00	0.00	0.00	54.41	41.97

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	0	0	23	72	0	3	0	0
% AT STAGE	1.01	0.00	0.00	23.23	72.73	0.00	3.03	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	11	55	1	67
%	16.42	82.09	1.49	100.00
% SAMPLE WEIGHT	3.07	23.50	0.03	26.60

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	32	67	0	99
%	32.32	67.68	0.00	100.00
MEAN WEIGHT	128.94	156.37	0.00	147.51
% SAMP. WT.	28.25	71.75	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 24 - LASKEEK BAY

SAMPLE NUMBERS: 159

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: MAR 3/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	4	30	2	1	8	43	3	0	0	9	100
% AT AGE	0.00	4.40	32.97	2.20	1.10	8.79	47.25	3.30	0.00	0.00	0.00	100.00
LENGTH - MEAN (mm)	0.00	170.00	187.43	194.50	207.00	207.25	217.91	233.67	0.00	0.00	197.22	204.03
- STD. DEV.	0.00	9.56	8.11	17.68	0.00	4.46	9.02	10.02	0.00	0.00	14.83	18.12
WEIGHT - MEAN (gm)	0.00	66.00	97.33	110.00	133.00	129.13	153.21	190.33	0.00	0.00	118.44	127.95
- STD. DEV.	0.00	15.68	16.31	35.36	0.00	11.41	24.24	18.18	0.00	0.00	33.82	36.12

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	6	92	2	0	0	0
% AT STAGE	0.00	0.00	0.00	6.00	92.00	2.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	5	33	0	38
%	13.16	86.84	0.00	100.00
% SAMPLE WEIGHT	2.53	24.42	0.00	26.94

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	61	38	0	99
%	61.62	38.38	0.00	100.00
MEAN WEIGHT	115.67	147.87	0.00	128.03
% SAMP. WT.	55.67	44.33	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 24 - LASKEEK BAY

SAMPLE NUMBERS: 130, 166, 65, 139, 163, 157, 64, 129, 56, 149, 152

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 5/84 - MAR 10/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	23	373	41	26	79	408	11	2	0	136	1099
% AT AGE	0.00	2.39	38.73	4.26	2.70	8.20	42.37	1.14	0.21	0.00	0.00	100.00
LENGTH - MEAN (mm)	0.00	164.13	186.28	200.17	208.50	214.70	218.23	230.00	227.00	0.00	203.54	203.41
- STD. DEV.	0.00	5.02	9.53	10.68	9.15	9.71	10.61	9.97	24.04	0.00	17.92	18.93
WEIGHT - MEAN (gm)	0.00	61.61	95.52	117.95	136.19	140.77	153.76	183.82	176.50	0.00	130.16	126.80
- STD. DEV.	0.00	6.80	18.28	22.68	18.12	23.07	24.85	30.77	41.72	0.00	61.82	40.45

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	327	714	58	0	0	0
% AT STAGE	0.00	0.00	0.00	29.75	64.97	5.28	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	230	313	0	543
%	42.36	57.64	0.00	100.00
% SAMPLE WEIGHT	8.67	16.25	0.00	24.93

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	556	543	0	1099
%	50.59	49.41	0.00	100.00
MEAN WEIGHT	119.21	134.58	0.00	126.80
% SAMP. WT.	47.56	52.44	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 24 - LASKEEK BAY

SAMPLE NUMBERS: 133,216,243,227,220,241,262,244,278,231, 213

SOURCE: PRE-FISHERY CHARTER
ROE FISHERY

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 12/84 - MAR 15/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	4	322	29	24	118	430	7	6	4	153	1097
% AT AGE	0.00	0.42	34.11	3.07	2.54	12.50	45.55	0.74	0.64	0.42	0.00	100.00
LENGTH - MEAN (mm)	0.00	177.25	187.16	198.21	211.17	213.77	216.63	212.29	227.83	241.50	196.93	204.30
- STD. DEV.	0.00	18.79	10.70	9.99	8.73	8.67	9.81	14.21	5.56	8.54	16.01	17.26
WEIGHT - MEAN (gm)	0.00	84.50	94.91	116.28	138.33	138.02	150.88	148.57	186.50	198.75	113.53	126.78
- STD. DEV.	0.00	28.10	19.29	23.50	21.88	21.28	24.09	36.32	27.21	19.87	31.84	34.37

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	1	95	915	85	1	0	0
% AT STAGE	0.00	0.00	0.09	8.66	83.41	7.75	0.09	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	76	488	1	565
%	13.45	86.37	0.18	100.00
% SAMPLE WEIGHT	2.60	25.43	0.06	28.09

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	532	565	0	1097
%	48.50	51.50	0.00	100.00
MEAN WEIGHT	118.45	134.62	0.00	126.78
% SAMP. WT.	45.31	54.69	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 24 - LASKEEK BAY

SAMPLE NUMBERS: 294,334

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 39 DATE: MAR 23/84 - MAR 24/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	8	70	18	7	22	48	1	1	0	24	199
% AT AGE	0.00	4.57	40.00	10.29	4.00	12.57	27.43	0.57	0.57	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	161.75	181.80	191.50	205.86	209.68	210.44	225.00	236.00	0.00	189.29	194.10
- STD. DEV.	0.00	7.63	7.56	8.51	7.88	9.45	8.92	0.00	0.00	0.00	20.26	17.76
WEIGHT - MEAN(gm)	0.00	62.25	91.77	117.06	137.57	154.91	151.35	161.00	220.00	0.00	110.38	119.07
- STD. DEV.	0.00	10.00	13.60	23.72	14.74	30.66	22.37	0.00	0.00	0.00	35.99	36.92

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	6	187	6	0	0	0
% AT STAGE	0.00	0.00	0.00	3.02	93.97	3.02	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	5	102	0	107
%	4.67	95.33	0.00	100.00
% SAMPLE WEIGHT	0.89	28.17	0.00	29.06

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	92	107	0	199
%	46.23	53.77	0.00	100.00
MEAN WEIGHT	113.33	124.01	0.00	119.07
% SAMP. WT.	44.00	56.00	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 24 - LASKEEK BAY

SAMPLE NUMBERS: 335

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 40 DATE: MAR 25/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	4	45	7	2	2	0	1	0	0	39	100
% AT AGE	0.00	6.56	73.77	11.48	3.28	3.28	0.00	1.64	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	171.50	184.04	194.14	204.00	220.00	0.00	234.00	0.00	0.00	181.59	184.91
- STD. DEV.	0.00	10.72	5.59	4.02	4.24	11.31	0.00	0.00	0.00	0.00	7.56	10.79
WEIGHT - MEAN(gm)	0.00	64.25	85.40	95.29	123.50	171.00	0.00	209.00	0.00	0.00	83.77	88.32
- STD. DEV.	0.00	17.23	10.75	13.00	10.61	26.87	0.00	0.00	0.00	0.00	14.46	22.55

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	3	97	0	0	0	0
% AT STAGE	0.00	0.00	0.00	3.00	97.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	3	33	0	36
%	8.33	91.67	0.00	100.00
% SAMPLE WEIGHT	1.61	22.76	0.00	24.37

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	64	36	0	100
%	64.00	36.00	0.00	100.00
MEAN WEIGHT	82.80	98.14	0.00	88.32
% SAMP. WT.	60.00	40.00	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 25 - SKINCUTTLE INLET

SAMPLE NUMBERS: 161

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: MAR 3/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	9	4	1	6	26	1	0	0	3	50
% AT AGE	0.00	0.00	19.15	8.51	2.13	12.77	55.32	2.13	0.00	0.00	0.00	100.00
LENGTH - MEAN (mm)	0.00	0.00	191.44	199.50	207.00	219.83	218.35	220.00	0.00	0.00	201.00	210.94
- STD. DEV.	0.00	0.00	5.43	2.38	0.00	9.66	9.18	0.00	0.00	0.00	12.12	13.82
WEIGHT - MEAN (gm)	0.00	0.00	100.56	117.75	124.00	154.50	157.31	183.00	0.00	0.00	121.33	141.28
- STD. DEV.	0.00	0.00	6.11	12.69	0.00	22.78	22.21	0.00	0.00	0.00	25.54	30.34

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	3	45	2	0	0	0
% AT STAGE	0.00	0.00	0.00	6.00	90.00	4.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	0	21	0	21
%	0.00	100.00	0.00	100.00
% SAMPLE WEIGHT	0.00	28.90	0.00	28.90

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	29	21	0	50
%	58.00	42.00	0.00	100.00
MEAN WEIGHT	134.41	150.76	0.00	141.28
% SAMP. WT.	55.18	44.82	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 25 - SKINCUTTLE INLET

SAMPLE NUMBERS: 155,142

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 7/84 - MAR 10/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	4	69	12	5	9	80	0	1	0	20	200
% AT AGE	0.00	2.22	38.33	6.67	2.78	5.00	44.44	0.00	0.56	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	166.75	186.20	199.08	206.40	213.22	216.13	0.00	234.00	0.00	198.20	201.71
- STD. DEV.	0.00	3.20	6.23	5.65	8.11	8.51	9.21	0.00	0.00	0.00	16.67	16.87
WEIGHT - MEAN(gm)	0.00	61.75	93.62	118.58	131.20	140.33	154.63	0.00	169.00	0.00	111.40	124.08
- STD. DEV.	0.00	4.99	11.08	10.87	18.69	14.80	25.76	0.00	0.00	0.00	32.58	35.29

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	28	157	15	0	0	0
% AT STAGE	0.00	0.00	0.00	14.00	78.50	7.50	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	25	62	0	87
%	28.74	71.26	0.00	100.00
% SAMPLE WEIGHT	6.27	19.67	0.00	25.94

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	113	87	0	200
%	56.50	43.50	0.00	100.00
MEAN WEIGHT	116.97	133.31	0.00	124.08
% SAMP. WT.	53.26	46.74	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 25 - SKINCUTTLE INLET

SAMPLE NUMBERS: 132, 123, 193, 128, 316, 325

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 11/84 - MAR 13/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	10	160	32	14	68	258	8	1	1	48	600
% AT AGE	0.00	1.81	28.99	5.80	2.54	12.32	46.74	1.45	0.18	0.18	0.00	100.00
LENGTH - MEAN(mm)	0.00	169.90	188.41	197.50	211.64	213.56	218.74	229.63	242.00	233.00	206.04	207.14
- STD. DEV.	0.00	6.28	8.27	9.18	7.90	8.53	9.12	10.17	0.00	0.00	15.82	16.86
WEIGHT - MEAN(gm)	0.00	69.50	98.96	116.69	140.71	143.35	157.79	179.38	209.00	169.00	127.88	134.40
- STD. DEV.	0.00	8.81	14.47	21.80	18.19	22.37	23.98	27.12	0.00	0.00	30.40	34.38

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	58	496	45	1	0	0
% AT STAGE	0.00	0.00	0.00	9.67	82.67	7.50	0.17	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	41	278	1	320
%	12.81	86.88	0.31	100.00
% SAMPLE WEIGHT	2.84	24.42	0.01	27.27

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	280	320	0	600
%	46.67	53.33	0.00	100.00
MEAN WEIGHT	126.22	141.56	0.00	134.40
% SAMP. WT.	43.83	56.17	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 25 - SKINCUTTLE INLET

SAMPLE NUMBERS: 290,324

SOURCE: OTHER

GEAR: HERRING SEINE

WEEK: 39 DATE: MAR 18/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	19	103	2	6	9	52	3	0	0	6	200
% AT AGE	0.00	9.79	53.09	1.03	3.09	4.64	26.80	1.55	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	161.53	183.48	192.00	208.50	215.33	215.27	236.33	0.00	0.00	191.00	192.95
- STD. DEV.	0.00	9.19	7.17	5.66	10.93	7.31	9.99	11.06	0.00	0.00	22.70	20.21
WEIGHT - MEAN(gm)	0.00	57.79	83.02	92.00	120.67	113.56	131.31	145.00	0.00	0.00	98.50	97.17
- STD. DEV.	0.00	8.26	14.89	4.24	23.95	26.46	23.44	45.57	0.00	0.00	36.82	31.28

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	0	110	17	73	0	0
% AT STAGE	0.00	0.00	0.00	0.00	55.00	8.50	36.50	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	0	87	26	113
%	0.00	76.99	23.01	100.00
% SAMPLE WEIGHT	0.00	21.93	0.42	22.36

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	87	113	0	200
%	43.50	56.50	0.00	100.00
MEAN WEIGHT	87.94	104.27	0.00	97.17
% SAMP. WT.	39.37	60.63	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 25 - SKINCUTTLE INLET

SAMPLE NUMBERS: 329,293

SOURCE: BAIT FISHERY

GEAR: HERRING SEINE

WEEK: 40 DATE: MAR 26/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	11	68	4	8	16	73	4	1	1	14	200
% AT AGE	0.00	5.91	36.56	2.15	4.30	8.60	39.25	2.15	0.54	0.54	0.00	100.00
LENGTH - MEAN(mm)	0.00	166.64	184.49	198.50	209.63	213.00	216.25	225.75	232.00	247.00	189.86	200.41
- STD. DEV.	0.00	8.67	7.11	6.95	9.75	8.04	6.96	4.03	0.00	0.00	17.88	19.05
WEIGHT - MEAN(gm)	0.00	58.45	79.85	101.00	109.88	119.44	124.15	163.00	140.00	208.00	95.57	103.34
- STD. DEV.	0.00	14.22	13.87	14.94	17.34	20.65	22.16	10.68	0.00	0.00	30.01	31.28

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	0	109	22	69	0	0
% AT STAGE	0.00	0.00	0.00	0.00	54.50	11.00	34.50	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	0	108	23	131
%	0.00	82.44	17.56	100.00
% SAMPLE WEIGHT	0.00	24.36	0.34	24.70

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	69	131	0	200
%	34.50	65.50	0.00	100.00
MEAN WEIGHT	93.42	108.56	0.00	103.34
% SAMP. WT.	31.19	68.81	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 31 - OTHER AREA 3

SAMPLE NUMBERS: 1

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

WEEK: 22 DATE: NOV 21/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	5	66	16	4	1	4	0	0	0	4	100
% AT AGE	0.00	5.21	68.75	16.67	4.17	1.04	4.17	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	145.00	165.09	179.63	197.00	208.00	210.00	0.00	0.00	0.00	179.25	170.48
- STD. DEV.	0.00	4.36	8.22	9.05	2.16	0.00	7.79	0.00	0.00	0.00	28.16	16.07
WEIGHT - MEAN(gm)	0.00	43.00	67.83	84.38	112.50	121.00	139.50	0.00	0.00	0.00	87.00	75.19
- STD. DEV.	0.00	6.16	10.83	11.68	10.63	0.00	14.66	0.00	0.00	0.00	36.62	22.40

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	12	44	38	5	0	0	0	0
% AT STAGE	1.00	12.00	44.00	38.00	5.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	52	0	0	52
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	48	52	0	100
%	48.00	52.00	0.00	100.00
MEAN WEIGHT	78.69	71.96	0.00	75.19
% SAMP. WT.	50.23	49.77	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 32 - PORTLAND INLET

SAMPLE NUMBERS: 18, 3, 24

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

WEEK: 24 DATE: DEC 5/83

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	3	90	24	33	23	40	4	0	1	82	300
% AT AGE	0.00	1.38	41.28	11.01	15.14	10.55	18.35	1.83	0.00	0.46	0.00	100.00
LENGTH - MEAN(mm)	0.00	145.00	159.57	174.58	194.27	201.87	204.80	233.00	0.00	234.00	167.85	177.21
- STD. DEV.	0.00	4.36	8.70	16.36	13.15	11.37	14.32	8.83	0.00	0.00	19.90	23.83
WEIGHT - MEAN(gm)	0.00	40.00	58.56	81.29	110.09	124.91	134.57	172.00	0.00	195.00	70.77	86.39
- STD. DEV.	0.00	6.93	10.67	21.21	21.40	20.07	26.82	14.28	0.00	0.00	28.52	37.57

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	9	35	119	116	21	0	0	0	0
% AT STAGE	3.00	11.67	39.67	38.67	7.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	134	0	0	134
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	162	134	4	300
%	54.00	44.67	1.33	100.00
MEAN WEIGHT	85.81	88.61	35.00	86.39
% SAMP. WT.	53.64	45.82	0.54	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 32 - PORTLAND INLET

SAMPLE NUMBERS: 292

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 15/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	1	67	12	8	2	3	0	0	0	7	100
% AT AGE	0.00	1.08	72.04	12.90	8.60	2.15	3.23	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	136.00	162.18	179.33	181.63	195.00	197.00	0.00	0.00	0.00	166.43	167.53
- STD. DEV.	0.00	0.00	9.57	11.24	12.74	0.00	17.35	0.00	0.00	0.00	11.56	14.31
WEIGHT - MEAN(gm)	0.00	29.00	55.40	74.58	81.63	107.50	100.33	0.00	0.00	0.00	58.71	62.16
- STD. DEV.	0.00	0.00	11.45	13.24	14.80	2.12	28.71	0.00	0.00	0.00	9.98	17.97

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	6	19	62	11	1	0	0	0
% AT STAGE	1.00	6.00	19.00	62.00	11.00	1.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	67	2	0	69
%	97.10	2.90	0.00	100.00
% SAMPLE WEIGHT	16.60	0.64	0.00	17.24

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	31	69	0	100
%	31.00	69.00	0.00	100.00
MEAN WEIGHT	54.94	65.41	0.00	62.16
% SAMP. WT.	27.40	72.60	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 33 - PORT SIMPSON

SAMPLE NUMBERS: 299,276,279,286

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 13/84 - MAR 16/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	3	116	63	52	41	93	3	1	0	26	398
% AT AGE	0.00	0.81	31.18	16.94	13.98	11.02	25.00	0.81	0.27	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	149.00	174.92	186.21	200.46	206.66	211.38	232.00	243.00	0.00	197.31	193.70
- STD. DEV.	0.00	7.55	9.84	9.82	9.31	10.18	10.51	8.54	0.00	0.00	21.75	19.04
WEIGHT - MEAN(gm)	0.00	42.00	75.28	90.54	114.10	123.17	135.00	192.67	199.00	0.00	109.42	104.83
- STD. DEV.	0.00	5.29	17.30	16.86	18.70	19.18	24.88	30.50	0.00	0.00	34.58	33.10

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	6	137	247	6	0	0	1
% AT STAGE	0.00	0.25	1.51	34.42	62.06	1.51	0.00	0.00	0.25

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	110	64	0	174
%	63.22	36.78	0.00	100.00
% SAMPLE WEIGHT	14.52	10.77	0.00	25.30

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	223	174	1	398
%	56.03	43.72	0.25	100.00
MEAN WEIGHT	98.65	113.14	38.00	104.83
% SAMP. WT.	52.73	47.18	0.09	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 33 - PORT SIMPSON

SAMPLE NUMBERS: 258,282,291

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 39 DATE: MAR 20/84 - MAR 24/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	4	121	86	26	15	22	2	0	0	24	300
% AT AGE	0.00	1.45	43.84	31.16	9.42	5.43	7.97	0.72	0.00	0.00	0.00	100.00
LENGTH - MEAN (mm)	0.00	153.25	167.17	180.10	197.62	204.93	209.36	217.50	0.00	0.00	180.21	179.69
- STD. DEV.	0.00	6.99	10.47	8.62	8.14	6.62	13.24	7.78	0.00	0.00	17.24	17.77
WEIGHT - MEAN (gm)	0.00	42.00	64.00	76.80	100.65	114.53	124.05	121.00	0.00	0.00	78.83	79.05
- STD. DEV.	0.00	6.53	12.68	12.76	15.60	17.11	23.27	24.04	0.00	0.00	26.46	24.80

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	4	18	112	72	93	0	1	0	0
% AT STAGE	1.33	6.00	37.33	24.00	31.00	0.00	0.33	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	126	43	1	170
%	74.12	25.29	0.59	100.00
% SAMPLE WEIGHT	8.19	8.36	0.04	16.59

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	127	170	3	300
%	42.33	56.67	1.00	100.00
MEAN WEIGHT	76.90	80.86	67.67	79.05
% SAMP. WT.	41.18	57.96	0.86	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 42 - BIG BAY

SAMPLE NUMBERS: 277,307

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 39 DATE: MAR 23/84 - MAR 24/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	82	29	27	20	21	4	1	1	15	200
% AT AGE	0.00	0.00	44.32	15.68	14.59	10.81	11.35	2.16	0.54	0.54	0.00	100.00
LENGTH - MEAN (mm)	0.00	0.00	173.13	187.03	198.26	204.70	207.52	230.75	243.00	263.00	186.13	188.24
- STD. DEV.	0.00	0.00	8.61	8.75	7.35	7.35	10.62	6.13	0.00	0.00	18.27	18.51
WEIGHT - MEAN (gm)	0.00	0.00	75.34	97.10	112.96	122.05	129.24	174.75	224.00	239.00	95.60	98.97
- STD. DEV.	0.00	0.00	12.80	12.62	21.27	14.89	15.90	10.31	0.00	0.00	31.11	31.07

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	12	175	13	0	0	0
% AT STAGE	0.00	0.00	0.00	6.00	87.50	6.50	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	9	103	0	112
%	8.04	91.96	0.00	100.00
% SAMPLE WEIGHT	1.55	26.55	0.00	28.11

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	88	112	0	200
%	44.00	56.00	0.00	100.00
MEAN WEIGHT	90.39	105.72	0.00	98.97
% SAMP. WT.	40.18	59.82	0.00	100.00

TABLE 15 (CONT.) SE.NE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 44 - EDYE PASSAGE

SAMPLE NUMBERS: 2, 16

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

WEEK: 23 DATE: NOV 30/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	1	12	36	38	26	53	11	1	1	21	200
% AT AGE	0.00	0.56	6.70	20.11	21.23	14.53	29.61	6.15	0.56	0.56	0.00	100.00
LENGTH - MEAN(mm)	0.00	137.00	168.92	186.92	198.24	210.73	215.49	228.73	248.00	262.00	213.19	204.15
- STD. DEV.	0.00	0.00	10.10	7.98	9.82	10.86	13.98	9.05	0.00	0.00	27.60	21.16
WEIGHT - MEAN(gm)	0.00	34.00	71.33	91.61	106.79	120.96	133.28	156.00	178.00	237.00	130.29	116.61
- STD. DEV.	0.00	0.00	14.89	12.22	14.40	17.68	23.28	21.03	0.00	0.00	45.84	32.47

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	2	53	114	29	2	0	0	0	0
% AT STAGE	1.00	26.50	57.00	14.50	1.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	97	0	0	97
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	102	97	1	200
%	51.00	48.50	0.50	100.00
MEAN WEIGHT	114.16	119.63	74.00	116.61
% SAMP. WT.	49.93	49.76	0.32	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 52 - KITKATLA CHANNEL

SAMPLE NUMBERS: 285

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 17/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	16	10	12	15	42	0	1	0	4	100
% AT AGE	0.00	0.00	16.67	10.42	12.50	15.63	43.75	0.00	1.04	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	180.56	194.40	205.08	211.40	213.24	0.00	234.00	0.00	215.50	205.17
- STD. DEV.	0.00	0.00	6.00	6.29	10.23	9.33	8.75	0.00	0.00	0.00	6.45	14.89
WEIGHT - MEAN(gm)	0.00	0.00	82.69	102.20	121.50	130.73	137.36	0.00	161.00	0.00	130.50	122.17
- STD. DEV.	0.00	0.00	11.63	9.45	19.98	20.91	23.37	0.00	0.00	0.00	8.81	27.98

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	3	93	4	0	0	0
% AT STAGE	0.00	0.00	0.00	3.00	93.00	4.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	3	47	0	50
%	6.00	94.00	0.00	100.00
% SAMPLE WEIGHT	1.14	26.42	0.00	27.56

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	50	50	0	100
%	50.00	50.00	0.00	100.00
MEAN WEIGHT	114.82	129.52	0.00	122.17
% SAMP. WT.	46.99	53.01	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 52 - KITKATLA CHANNEL

SAMPLE NUMBERS: 259,280,201,333,288,281,210,328,275,261,
206,219,265,268,179,317

SOURCE: PRE-FISHERY CHARTER
ROE FISHERY

GEAR: HERRING SEINE

WEEK: 39 DATE: MAR 19/84 - MAR 21/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	5	436	170	139	266	414	15	3	2	148	1598
% AT AGE	0.00	0.34	30.07	11.72	9.59	18.34	28.55	1.03	0.21	0.14	0.00	100.00
LENGTH - MEAN(mm)	0.00	158.60	179.51	188.65	200.50	207.30	210.45	220.87	246.00	234.50	193.85	196.80
- STD. DEV.	0.00	9.89	9.07	8.98	8.96	7.88	10.08	9.14	12.49	12.02	17.16	16.62
WEIGHT - MEAN(gm)	0.00	57.20	83.48	94.82	113.64	123.05	135.62	151.20	186.00	169.50	104.14	110.17
- STD. DEV.	0.00	10.23	14.08	14.86	18.97	16.77	22.59	25.80	32.70	61.52	28.02	28.78

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	115	1328	153	2	0	0
% AT STAGE	0.00	0.00	0.00	7.20	83.10	9.57	0.13	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	64	691	0	755
%	8.48	91.52	0.00	100.00
% SAMPLE WEIGHT	1.66	26.13	0.00	27.78

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	839	755	1	1595
%	52.60	47.34	0.06	100.00
MEAN WEIGHT	103.79	117.29	99.00	110.18
% SAMP. WT.	49.55	50.39	0.06	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 52 - KITKATLA CHANNEL

SAMPLE NUMBERS: 284,296,263,295

SOURCE: PRE-FISHERY CHARTER
OTHER

GEAR: HERRING SEINE

WEEK: 40 DATE: MAR 28/84 - MAR 29/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	1	147	37	34	51	89	3	2	1	33	398
% AT AGE	0.00	0.27	40.27	10.14	9.32	13.97	24.38	0.82	0.55	0.27	0.00	100.00
LENGTH - MEAN (mm)	0.00	156.00	177.67	186.59	200.59	209.06	212.12	224.67	231.00	229.00	193.70	194.21
- STD. DEV.	0.00	0.00	8.72	9.08	7.93	8.81	9.97	9.45	15.56	0.00	16.39	18.06
WEIGHT - MEAN (gm)	0.00	55.00	80.26	91.51	112.94	128.92	138.75	137.33	155.00	112.00	103.21	106.14
- STD. DEV.	0.00	0.00	14.27	17.27	16.04	17.94	22.26	19.76	5.66	0.00	25.83	30.55

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	10	383	1	4	0	0
% AT STAGE	0.00	0.00	0.00	2.51	96.23	0.25	1.01	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	2	198	0	200
%	1.00	99.00	0.00	100.00
% SAMPLE WEIGHT	0.15	27.65	0.00	27.79

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	198	200	0	398
%	49.75	50.25	0.00	100.00
MEAN WEIGHT	97.98	114.21	0.00	106.14
% SAMP. WT.	45.92	54.08	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 52 - KITKATLA CHANNEL

SAMPLE NUMBERS: 301,331

SOURCE: OTHER

GEAR: HERRING SEINE

WEEK: 41 DATE: APR 1/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	3	89	17	14	33	32	2	1	0	9	200
% AT AGE	0.00	1.57	46.60	8.90	7.33	17.28	16.75	1.05	0.52	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	153.33	175.04	191.59	195.07	207.33	208.63	228.50	215.00	0.00	196.00	189.90
- STD. DEV.	0.00	6.11	10.75	10.54	14.83	7.02	10.83	4.95	0.00	0.00	19.14	19.06
WEIGHT - MEAN(gm)	0.00	51.67	78.92	96.24	112.21	127.09	130.34	143.50	139.00	0.00	101.33	100.44
- STD. DEV.	0.00	6.35	15.28	18.23	19.24	16.83	23.22	0.71	0.00	0.00	27.20	29.25

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	1	4	183	11	1	0	0
% AT STAGE	0.00	0.00	0.50	2.00	91.50	5.50	0.50	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	1	105	0	106
%	0.94	99.06	0.00	100.00
% SAMPLE WEIGHT	0.08	28.12	0.00	28.21

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	93	106	0	199
%	46.73	53.27	0.00	100.00
MEAN WEIGHT	97.22	102.88	0.00	100.23
% SAMP. WT.	45.33	54.67	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 67 - KITASU BAY

SAMPLE NUMBERS: 186, 184, 169

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 4/84 - MAR 9/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	8	13	20	37	46	133	4	6	1	32	300
% AT AGE	0.00	2.99	4.85	7.46	13.81	17.16	49.63	1.49	2.24	0.37	0.00	100.00
LENGTH - MEAN(mm)	0.00	159.13	185.77	195.80	201.68	206.26	210.33	222.00	235.83	242.00	208.47	205.81
- STD. DEV.	0.00	10.05	11.17	9.24	6.35	9.17	10.61	16.06	17.96	0.00	10.48	14.83
WEIGHT - MEAN(gm)	0.00	59.25	92.69	112.00	119.03	127.80	135.34	148.50	189.83	184.00	137.44	128.39
- STD. DEV.	0.00	11.30	16.76	15.05	14.59	19.17	21.75	27.67	31.59	0.00	21.76	26.94

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	15	89	183	12	0	0	0
% AT STAGE	0.00	0.33	5.00	29.67	61.00	4.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	93	48	0	141
%	65.96	34.04	0.00	100.00
% SAMPLE WEIGHT	13.72	9.98	0.00	23.70

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	159	141	0	300
%	53.00	47.00	0.00	100.00
MEAN WEIGHT	123.75	133.62	0.00	128.39
% SAMP. WT.	51.09	48.91	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 67 - KITASU BAY

SAMPLE NUMBERS: 147, 168, 156

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 12/84 - MAR 16/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	15	9	30	39	55	101	10	1	0	40	300
% AT AGE	0.00	5.77	3.46	11.54	15.00	21.15	38.85	3.85	0.38	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	158.07	179.78	194.67	202.15	208.09	210.32	221.10	255.00	0.00	204.63	203.50
- STD. DEV.	0.00	6.23	7.85	6.33	6.47	8.16	8.02	8.89	0.00	0.00	12.39	15.37
WEIGHT - MEAN(gm)	0.00	59.53	89.00	113.70	124.90	136.31	141.59	170.10	244.00	0.00	128.13	129.48
- STD. DEV.	0.00	7.67	15.79	12.28	17.99	18.50	20.04	21.93	0.00	0.00	23.69	28.79

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	1	8	58	221	11	0	0	0
% AT STAGE	0.33	0.33	2.67	19.33	73.67	3.67	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	52	102	0	154
%	33.77	66.23	0.00	100.00
% SAMPLE WEIGHT	6.48	19.26	0.00	25.74

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	145	154	0	299
%	48.49	51.51	0.00	100.00
MEAN WEIGHT	124.48	134.16	0.00	129.47
% SAMP. WT.	46.63	53.37	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 67 - KITASU BAY

SAMPLE NUMBERS: 190, 326

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 39 DATE: MAR 18/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	10	10	11	20	36	93	3	0	0	17	200
% AT AGE	0.00	5.46	5.46	6.01	10.93	19.67	50.82	1.64	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	161.70	185.30	188.55	205.20	207.75	209.18	211.33	0.00	0.00	200.35	203.10
- STD. DEV.	0.00	6.13	6.40	25.41	7.97	7.93	8.21	11.15	0.00	0.00	22.47	16.22
WEIGHT - MEAN(gm)	0.00	60.70	96.00	110.18	127.35	128.69	136.04	144.00	0.00	0.00	123.06	125.68
- STD. DEV.	0.00	8.68	14.86	20.63	19.72	17.41	20.50	19.00	0.00	0.00	33.42	27.21

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	1	4	186	7	0	0	2
% AT STAGE	0.00	0.00	0.50	2.00	93.00	3.50	0.00	0.00	1.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	3	110	1	114
%	2.63	96.49	0.88	100.00
% SAMPLE WEIGHT	0.47	27.87	0.11	28.45

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	86	114	0	200
%	43.00	57.00	0.00	100.00
MEAN WEIGHT	114.42	134.17	0.00	125.68
% SAMP. WT.	39.15	60.85	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 67 - KITASU BAY

SAMPLE NUMBERS: 336,297

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 40 DATE: MAR 25/84 - MAR 26/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	9	21	14	25	17	98	1	2	0	13	200
% AT AGE	0.00	4.81	11.23	7.49	13.37	9.09	52.41	0.53	1.07	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	158.00	183.10	196.00	201.64	206.24	210.79	224.00	225.50	0.00	190.54	201.84
- STD. DEV.	0.00	9.06	9.14	6.20	7.85	8.75	7.86	0.00	12.02	0.00	16.28	16.08
WEIGHT - MEAN(gm)	0.00	60.67	89.14	115.50	116.56	129.65	136.60	169.00	162.50	0.00	105.31	122.01
- STD. DEV.	0.00	10.34	16.75	13.44	14.89	19.05	21.65	0.00	23.33	0.00	29.81	28.84

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	2	112	74	12	0	0
% AT STAGE	0.00	0.00	0.00	1.00	56.00	37.00	6.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	2	93	5	100
%	2.00	93.00	5.00	100.00
% SAMPLE WEIGHT	0.29	27.52	0.08	27.88

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	100	100	0	200
%	50.00	50.00	0.00	100.00
MEAN WEIGHT	114.53	129.50	0.00	122.01
% SAMP. WT.	46.93	53.07	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 71 - OTHER AREA 7

SAMPLE NUMBERS: 178,167

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 5/84 - MAR 10/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	4	19	24	35	31	50	6	2	1	27	199
% AT AGE	0.00	2.33	11.05	13.95	20.35	18.02	29.07	3.49	1.16	0.58	0.00	100.00
LENGTH - MEAN(mm)	0.00	145.25	177.47	187.17	196.69	199.68	205.94	207.17	207.50	247.00	196.89	196.17
- STD. DEV.	0.00	14.38	10.59	12.52	9.56	11.72	7.59	11.55	3.54	0.00	13.10	15.75
WEIGHT - MEAN(gm)	0.00	45.25	81.74	96.83	112.60	115.74	128.74	136.67	129.00	184.00	114.37	112.43
- STD. DEV.	0.00	8.58	14.90	17.41	16.00	20.10	17.06	30.51	15.56	0.00	19.53	25.21

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	0	10	71	114	3	0	0	0
% AT STAGE	0.50	0.00	5.03	35.68	57.29	1.51	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	72	16	0	88
%	81.82	18.18	0.00	100.00
% SAMPLE WEIGHT	16.20	5.37	0.00	21.58

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	110	88	1	199
%	55.28	44.22	0.50	100.00
MEAN WEIGHT	112.97	112.50	47.00	112.43
% SAMP. WT.	55.54	44.25	0.21	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 71 - OTHER AREA 7

SAMPLE NUMBERS: 273,274,272,158,196,175,150,138,229,287, 242,151,249,211,303,153,235,208,209,246, 237,238,266,172,212,174,232,247,239,140, 230

SOURCE: ROE FISHERY
PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 11/84 - MAR 17/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	53	139	219	475	450	1240	54	20	4	403	3057
% AT AGE	0.00	2.00	5.24	8.25	17.90	16.96	46.72	2.03	0.75	0.15	0.00	100.00
LENGTH - MEAN(mm)	0.00	159.72	180.27	192.00	200.32	206.36	208.99	217.54	230.45	238.50	197.56	202.70
- STD. DEV.	0.00	8.26	10.88	10.11	9.11	9.36	8.98	11.21	13.24	6.61	17.25	14.53
WEIGHT - MEAN(gm)	0.00	60.74	87.04	106.65	120.02	130.59	135.88	154.00	177.00	175.25	116.29	125.08
- STD. DEV.	0.00	9.00	17.81	18.08	18.11	19.86	21.11	27.31	34.82	11.15	29.28	26.93

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	2	3	138	2612	285	13	0	3
% AT STAGE	0.03	0.07	0.10	4.51	85.44	9.32	0.43	0.00	0.10

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	127	1288	6	1421
%	8.94	90.64	0.42	100.00
% SAMPLE WEIGHT	1.73	27.49	0.03	29.25

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	1633	1421	2	3056
%	53.44	46.50	0.07	100.00
MEAN WEIGHT	119.17	131.88	112.00	125.08
% SAMP. WT.	50.91	49.03	0.06	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 71 - OTHER AREA 7

SAMPLE NUMBERS: 160,177

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 39 DATE: MAR 18/84 - MAR 23/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	3	23	10	30	30	80	2	0	0	22	200
% AT AGE	0.00	1.69	12.92	5.62	16.85	16.85	44.94	1.12	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	162.33	192.52	193.50	201.57	207.57	207.52	208.00	0.00	0.00	208.05	203.60
- STD. DEV.	0.00	2.89	19.87	7.09	8.11	8.59	14.44	12.73	0.00	0.00	12.89	14.97
WEIGHT - MEAN(gm)	0.00	63.33	119.00	110.70	119.67	135.73	136.45	145.00	0.00	0.00	134.45	129.30
- STD. DEV.	0.00	7.57	46.17	13.37	16.18	24.83	30.04	12.73	0.00	0.00	26.22	30.74

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	11	175	4	10	0	0
% AT STAGE	0.00	0.00	0.00	5.50	87.50	2.00	5.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	5	100	5	110
%	4.55	90.91	4.55	100.00
% SAMPLE WEIGHT	0.92	27.29	0.05	28.26

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	89	110	0	199
%	44.72	55.28	0.00	100.00
MEAN WEIGHT	116.37	139.49	0.00	129.15
% SAMP. WT.	40.30	59.70	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 71 - OTHER AREA 7

SAMPLE NUMBERS: 298

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 40 DATE: MAR 26/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	4	7	4	13	14	38	2	0	0	18	100
% AT AGE	0.00	4.88	8.54	4.88	15.85	17.07	46.34	2.44	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	157.50	176.71	193.75	201.69	205.21	209.13	222.50	0.00	0.00	201.33	201.53
- STD. DEV.	0.00	5.45	7.83	6.99	7.33	10.21	12.57	2.12	0.00	0.00	18.47	17.36
WEIGHT - MEAN(gm)	0.00	60.25	79.43	109.00	124.08	130.71	140.37	173.50	0.00	0.00	125.28	126.12
- STD. DEV.	0.00	7.68	14.00	18.78	17.27	15.75	23.99	7.78	0.00	0.00	34.58	31.34

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	2	96	2	0	0	0
% AT STAGE	0.00	0.00	0.00	2.00	96.00	2.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	2	47	0	49
%	4.08	95.92	0.00	100.00
% SAMPLE WEIGHT	1.02	28.60	0.00	29.63

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	51	49	0	100
%	51.00	49.00	0.00	100.00
MEAN WEIGHT	119.10	133.43	0.00	126.12
% SAMP. WT.	48.16	51.84	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 72 - POWELL ANCHORAGE

SAMPLE NUMBERS: 315

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: MAR 3/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	3	2	15	27	20	23	3	1	0	6	100
% AT AGE	0.00	3.19	2.13	15.96	28.72	21.28	24.47	3.19	1.06	0.00	0.00	100.00
LENGTH - MEAN (mm)	0.00	167.00	188.50	201.00	203.30	210.45	215.52	223.00	236.00	0.00	205.50	206.86
- STD. DEV.	0.00	14.00	6.36	10.25	10.84	8.85	8.85	1.00	0.00	0.00	9.63	13.69
WEIGHT - MEAN (gm)	0.00	63.67	101.50	117.47	122.37	138.75	151.83	172.00	201.00	0.00	125.33	131.96
- STD. DEV.	0.00	15.95	6.36	19.43	24.14	23.17	17.83	16.64	0.00	0.00	19.49	28.77

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	0	54	45	0	0	0	0
% AT STAGE	0.00	1.00	0.00	54.00	45.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	53	3	0	56
%	94.64	5.36	0.00	100.00
% SAMPLE WEIGHT	23.88	1.64	0.00	25.52

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	44	56	0	100
%	44.00	56.00	0.00	100.00
MEAN WEIGHT	125.18	137.29	0.00	131.96
% SAMP. WT.	41.74	58.26	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 73 - GUNBOAT PASSAGE

SAMPLE NUMBERS: 323,162,189

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 6/84 - MAR 8/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	12	18	42	92	28	67	2	4	0	34	299
% AT AGE	0.00	4.53	6.79	15.85	34.72	10.57	25.28	0.75	1.51	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	155.67	182.39	186.02	191.07	208.71	210.81	210.50	224.50	0.00	195.68	195.59
- STD. DEV.	0.00	7.92	12.40	11.26	15.99	10.57	10.26	16.26	7.72	0.00	20.58	19.06
WEIGHT - MEAN(gm)	0.00	60.83	94.50	101.64	111.73	150.96	154.36	164.50	170.50	0.00	121.65	122.73
- STD. DEV.	0.00	11.60	22.67	22.46	30.16	30.30	29.01	53.03	19.43	0.00	35.76	38.09

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	0	2	157	133	6	0	0	0
% AT STAGE	0.33	0.00	0.67	52.51	44.48	2.01	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	145	46	0	191
%	75.92	24.08	0.00	100.00
% SAMPLE WEIGHT	18.66	8.15	0.00	26.82

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	107	191	1	299
%	35.79	63.88	0.33	100.00
MEAN WEIGHT	117.06	126.19	68.00	122.73
% SAMP. WT.	34.13	65.68	0.19	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 74 - THOMPSON BAY

SAMPLE NUMBERS: 199,321,200,164

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: MAR 1/84 - MAR 3/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	22	37	49	54	54	133	10	3	0	37	399
% AT AGE	0.00	6.08	10.22	13.54	14.92	14.92	36.74	2.76	0.83	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	161.86	185.76	190.94	202.04	209.17	213.49	215.80	215.33	0.00	207.32	202.67
- STD. DEV.	0.00	14.94	11.48	11.08	10.78	10.73	9.93	12.54	16.62	0.00	14.99	17.76
WEIGHT - MEAN(gm)	0.00	63.36	97.14	106.08	131.00	145.94	155.83	155.50	169.00	0.00	141.49	133.24
- STD. DEV.	0.00	19.83	19.94	21.75	22.46	21.53	22.08	24.87	43.55	0.00	32.79	35.05

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	2	173	169	55	0	0	0
% AT STAGE	0.00	0.00	0.50	43.36	42.36	13.78	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	148	63	0	211
%	70.14	29.86	0.00	100.00
% SAMPLE WEIGHT	18.05	6.71	0.00	24.76

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	188	211	0	399
%	47.12	52.88	0.00	100.00
MEAN WEIGHT	124.80	140.77	0.00	133.24
% SAMP. WT.	44.13	55.87	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 74 - THOMPSON BAY

SAMPLE NUMBERS: 180,197,182

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 5/84 - MAR 10/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	10	24	40	44	38	96	4	3	0	40	299
% AT AGE	0.00	3.86	9.27	15.44	16.99	14.67	37.07	1.54	1.16	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	157.60	179.29	193.05	204.02	208.84	210.29	216.50	219.67	0.00	204.55	202.04
- STD. DEV.	0.00	8.03	11.23	14.18	10.82	9.86	10.75	6.14	20.21	0.00	12.53	16.78
WEIGHT - MEAN(gm)	0.00	60.00	88.54	117.40	137.93	147.58	152.45	160.25	171.67	0.00	133.57	134.56
- STD. DEV.	0.00	12.98	18.63	28.71	24.80	20.72	23.51	14.03	34.82	0.00	27.49	33.36

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	3	115	170	11	0	0	0
% AT STAGE	0.00	0.00	1.00	38.46	56.86	3.68	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	111	33	0	144
%	77.08	22.92	0.00	100.00
% SAMPLE WEIGHT	18.91	7.16	0.00	26.07

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	155	144	0	299
%	51.84	48.16	0.00	100.00
MEAN WEIGHT	126.86	142.83	0.00	134.56
% SAMP. WT.	48.88	51.12	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 74 - THOMPSON BAY

SAMPLE NUMBERS: 136,131,144,148

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 11/84 - MAR 13/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	17	31	48	49	63	124	8	3	0	56	399
% AT AGE	0.00	4.96	9.04	13.99	14.29	18.37	36.15	2.33	0.87	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	154.76	181.71	193.52	204.04	210.33	213.90	211.25	230.67	0.00	205.23	203.51
- STD. DEV.	0.00	7.60	12.04	8.72	8.09	8.38	8.34	4.43	4.93	0.00	20.57	17.90
WEIGHT - MEAN(gm)	0.00	54.41	90.71	115.46	137.00	146.37	161.19	152.25	205.33	0.00	138.89	137.37
- STD. DEV.	0.00	9.43	20.04	16.88	19.58	23.25	23.68	23.01	6.43	0.00	38.78	36.59

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	62	306	30	0	1	0
% AT STAGE	0.00	0.00	0.00	15.54	76.69	7.52	0.00	0.25	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	45	174	1	220
%	20.45	79.09	0.45	100.00
% SAMPLE WEIGHT	5.09	24.38	0.09	29.56

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	179	220	0	399
%	44.86	55.14	0.00	100.00
MEAN WEIGHT	125.47	147.05	0.00	137.37
% SAMP. WT.	40.98	59.02	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 74 - THOMPSON BAY

SAMPLE NUMBERS: 332, 126, 194, 176, 181, 115, 125

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 39 DATE: MAR 18/84 - MAR 23/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	77	67	73	103	97	184	18	4	0	76	699
% AT AGE	0.00	12.36	10.75	11.72	16.53	15.57	29.53	2.89	0.64	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	157.86	178.57	190.82	203.23	209.91	214.05	215.83	217.75	0.00	198.30	198.22
- STD. DEV.	0.00	7.29	11.95	10.15	8.98	9.17	9.28	10.29	15.37	0.00	22.87	21.39
WEIGHT - MEAN(gm)	0.00	57.73	87.36	107.32	132.75	144.77	158.76	159.28	165.50	0.00	124.83	126.00
- STD. DEV.	0.00	9.04	20.20	21.97	22.10	21.35	24.28	24.87	30.62	0.00	41.65	40.76

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	3	23	658	13	2	0	0
% AT STAGE	0.00	0.00	0.43	3.29	94.13	1.86	0.29	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	16	347	0	363
%	4.41	95.59	0.00	100.00
% SAMPLE WEIGHT	0.53	28.20	0.00	28.73

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	335	363	0	698
%	47.99	52.01	0.00	100.00
MEAN WEIGHT	116.11	135.12	0.00	126.00
% SAMP. WT.	44.23	55.77	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 74 - THOMPSON BAY

SAMPLE NUMBERS: 337,338

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 40 DATE: MAR 28/84 - MAR 29/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	9	17	20	32	23	72	8	2	0	17	200
% AT AGE	0.00	4.92	9.29	10.93	17.49	12.57	39.34	4.37	1.09	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	159.00	185.94	193.20	200.22	208.78	213.04	215.75	211.50	0.00	194.00	202.26
- STD. DEV.	0.00	7.65	6.37	11.79	11.44	8.39	8.64	7.40	4.95	0.00	13.96	16.39
WEIGHT - MEAN(gm)	0.00	58.33	97.82	111.45	132.03	144.04	159.71	164.25	157.50	0.00	117.35	135.39
- STD. DEV.	0.00	7.25	14.39	23.88	21.72	24.65	24.09	17.40	26.16	0.00	31.63	35.39

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	4	191	5	0	0	0
% AT STAGE	0.00	0.00	0.00	2.00	95.50	2.50	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	2	102	0	104
%	1.92	98.08	0.00	100.00
% SAMPLE WEIGHT	0.44	31.52	0.00	31.96

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	96	104	0	200
%	48.00	52.00	0.00	100.00
MEAN WEIGHT	128.25	141.98	0.00	135.39
% SAMP. WT.	45.47	54.53	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 75 - MCNAUGHTON GROUP

SAMPLE NUMBERS: 185

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 39 DATE: MAR 21/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	7	5	11	33	9	21	6	0	0	8	100
% AT AGE	0.00	7.61	5.43	11.96	35.87	9.78	22.83	6.52	0.00	0.00	0.00	100.00
LENGTH - MEAN (mm)	0.00	160.29	169.80	188.09	199.48	212.56	211.81	208.50	0.00	0.00	202.50	198.55
- STD. DEV.	0.00	8.26	7.36	6.58	9.42	12.29	10.74	8.67	0.00	0.00	11.30	17.54
WEIGHT - MEAN (gm)	0.00	60.71	72.40	98.27	123.52	143.56	153.10	144.17	0.00	0.00	124.38	123.11
- STD. DEV.	0.00	5.68	12.90	13.61	20.19	30.73	27.63	17.81	0.00	0.00	27.75	34.49

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	8	90	1	1	0	0
% AT STAGE	0.00	0.00	0.00	8.00	90.00	1.00	1.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	2	64	0	66
%	3.03	96.97	0.00	100.00
% SAMPLE WEIGHT	0.34	29.76	0.00	30.10

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	34	66	0	100
%	34.00	66.00	0.00	100.00
MEAN WEIGHT	108.97	130.39	0.00	123.11
% SAMP. WT.	30.10	69.90	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 85 - KWAKSHUA CHANNEL

SAMPLE NUMBERS: 183

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: MAR 2/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	1	11	18	8	35	5	10	1	1	0	10	100
% AT AGE	1.11	12.22	20.00	8.89	38.89	5.56	11.11	1.11	1.11	0.00	0.00	100.00
LENGTH - MEAN(mm)	131.00	158.18	171.22	185.50	191.89	203.00	200.90	207.00	223.00	0.00	184.50	184.52
- STD. DEV.	0.00	9.67	11.92	9.72	12.53	6.52	8.48	0.00	0.00	0.00	19.98	19.00
WEIGHT - MEAN(gm)	24.00	53.64	71.89	89.38	99.94	113.00	115.90	122.00	153.00	0.00	85.20	89.72
- STD. DEV.	0.00	12.42	15.13	16.55	20.27	6.89	18.10	0.00	0.00	0.00	23.24	27.00

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	1	8	43	47	0	0	0	0
% AT STAGE	1.00	1.00	8.00	43.00	47.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	48	6	0	54
%	88.89	11.11	0.00	100.00
% SAMPLE WEIGHT	17.35	2.16	0.00	19.51

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	46	54	0	100
%	46.00	54.00	0.00	100.00
MEAN WEIGHT	83.50	95.02	0.00	89.72
% SAMP. WT.	42.81	57.19	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 131 - OTHER AREA 13 STRAIT

SAMPLE NUMBERS: 46, 44, 42, 43, 41, 45, 47

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 22 DATE: NOV 21/83 - NOV 22/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	4	377	221	31	9	1	5	0	0	0	50	698
% AT AGE	0.62	58.18	34.10	4.78	1.39	0.15	0.77	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	99.75	145.52	167.88	188.55	161.44	199.00	185.20	0.00	0.00	0.00	155.18	155.51
- STD. DEV.	9.60	8.81	10.48	6.80	20.63	0.00	18.69	0.00	0.00	0.00	26.53	17.71
WEIGHT - MEAN(gm)	12.50	41.85	70.30	103.52	69.33	125.00	97.60	0.00	0.00	0.00	56.94	55.39
- STD. DEV.	3.51	8.71	13.92	12.16	34.79	0.00	30.12	0.00	0.00	0.00	25.07	21.85

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	204	198	158	138	0	0	0	0	0
% AT STAGE	29.23	28.37	22.64	19.77	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	312	0	0	312
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	230	312	156	698
%	32.95	44.70	22.35	100.00
MEAN WEIGHT	62.73	59.48	36.35	55.39
% SAMP. WT.	37.32	48.01	14.67	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 131 - OTHER AREA 13 STRAIT

SAMPLE NUMBERS: 58

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 10/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	7	75	14	1	1	0	0	0	0	0	2	100
% AT AGE	7.14	76.53	14.29	1.02	1.02	0.00	0.00	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	100.14	140.99	160.43	164.00	170.00	0.00	0.00	0.00	0.00	0.00	140.50	141.36
- STD. DEV.	4.71	10.23	9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.95	16.60
WEIGHT - MEAN(gm)	12.71	36.00	52.86	65.00	58.00	0.00	0.00	0.00	0.00	0.00	37.50	37.27
- STD. DEV.	1.25	7.07	7.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.36	11.68

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	74	0	2	15	9	0	0	0	0
% AT STAGE	74.00	0.00	2.00	15.00	9.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	41	0	0	41
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	2.90	0.00	0.00	2.90

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	58	41	1	100
%	58.00	41.00	1.00	100.00
MEAN WEIGHT	37.26	37.88	13.00	37.27
% SAMP. WT.	57.98	41.67	0.35	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 132 - KANISH BAY

SAMPLE NUMBERS: 32, 33, 35, 34

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 20 DATE: NOV 8/83 - NOV 9/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	78	89	94	52	15	7	13	0	0	0	52	400
% AT AGE	22.41	25.57	27.01	14.94	4.31	2.01	3.74	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	98.19	142.58	172.12	190.48	194.27	204.43	203.69	0.00	0.00	0.00	156.10	153.86
- STD. DEV.	7.23	10.59	8.94	8.73	5.66	8.56	9.03	0.00	0.00	0.00	39.07	36.58
WEIGHT - MEAN(gm)	13.50	42.31	79.35	110.69	118.67	141.43	140.00	0.00	0.00	0.00	69.60	65.61
- STD. DEV.	3.09	9.89	12.80	16.27	10.50	23.14	24.71	0.00	0.00	0.00	43.39	41.43

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	159	45	92	104	0	0	0	0	0
% AT STAGE	39.75	11.25	23.00	26.00	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	127	0	0	127
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	139	127	134	400
%	34.75	31.75	33.50	100.00
MEAN WEIGHT	89.91	85.89	21.17	65.61
% SAMP. WT.	47.62	41.57	10.81	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 132 - KANISH BAY

SAMPLE NUMBERS: 39, 38, 40, 36, 37

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 21 DATE: NOV 16/83 - NOV 18/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	1	40	236	114	29	13	7	3	1	0	55	499
% AT AGE	0.23	9.01	53.15	25.68	6.53	2.93	1.58	0.68	0.23	0.00	0.00	100.00
LENGTH - MEAN(mm)	106.00	156.07	175.25	189.15	201.34	210.46	206.14	210.33	213.00	0.00	180.96	180.54
- STD. DEV.	0.00	8.67	10.14	9.03	10.97	7.59	9.91	12.50	0.00	0.00	26.36	17.69
WEIGHT - MEAN(gm)	17.00	54.15	81.59	106.51	126.93	150.77	142.00	149.33	155.00	0.00	93.85	92.14
- STD. DEV.	0.00	10.35	13.62	15.95	19.82	24.84	25.83	24.17	0.00	0.00	32.49	27.67

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	9	44	216	229	0	0	1	0	0
% AT STAGE	1.80	8.82	43.29	45.89	0.00	0.00	0.20	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	238	0	0	238
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	253	238	8	499
%	50.70	47.70	1.60	100.00
MEAN WEIGHT	91.32	95.14	29.13	92.14
% SAMP. WT.	50.25	49.25	0.51	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 132 - KANISH BAY

SAMPLE NUMBERS: 22, 8

SOURCE; FOOD FISHERY

GEAR: HERRING SEINE

WEEK: 22 DATE: NOV 21/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	36	67	35	26	13	5	0	0	18	200
% AT AGE	0.00	0.00	19.78	36.81	19.23	14.29	7.14	2.75	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	179.36	194.60	204.03	209.38	210.31	210.00	0.00	0.00	198.00	197.14
- STD. DEV.	0.00	0.00	8.47	7.89	8.93	11.23	5.60	7.71	0.00	0.00	14.92	13.70
WEIGHT - MEAN(gm)	0.00	0.00	89.86	118.67	141.94	151.96	161.92	147.40	0.00	0.00	126.33	126.11
- STD. DEV.	0.00	0.00	12.87	17.54	20.41	25.03	18.67	12.52	0.00	0.00	33.50	29.73

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	3	72	118	7	0	0	0	0
% AT STAGE	0.00	1.50	36.00	59.00	3.50	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	96	0	0	96
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	104	96	0	200
%	52.00	48.00	0.00	100.00
MEAN WEIGHT	127.42	124.68	0.00	126.11
% SAMP. WT.	52.54	47.46	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 132 - KANISH BAY

SAMPLE NUMBERS: 52, 51, 50, 48, 49

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 23 DATE: NOV 28/83 - NOV 29/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	58	29	146	124	52	17	14	0	0	0	58	498
% AT AGE	13.18	6.59	33.18	28.18	11.82	3.86	3.18	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	100.47	150.00	176.55	191.74	201.38	213.12	214.64	0.00	0.00	0.00	160.74	173.00
- STD. DEV.	6.47	9.43	10.49	10.89	10.02	8.42	10.00	0.00	0.00	0.00	44.74	35.47
WEIGHT - MEAN(gm)	12.10	46.59	84.66	111.00	130.21	153.18	164.50	0.00	0.00	0.00	79.76	89.32
- STD. DEV.	2.69	11.78	14.81	16.58	23.34	20.68	29.37	0.00	0.00	0.00	53.28	44.37

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	87	33	177	200	0	0	1	0	0
% AT STAGE	17.47	6.63	35.54	40.16	0.00	0.00	0.20	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	188	0	0	188
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	223	188	87	498
%	44.78	37.75	17.47	100.00
MEAN WEIGHT	104.23	105.41	16.34	89.32
% SAMP. WT.	52.25	44.55	3.20	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 132 - KANISH BAY

SAMPLE NUMBERS: 29

SOURCE: BAIT FISHERY

GEAR: HERRING SEINE

WEEK: 24 DATE: DEC 7/83

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	15	51	22	4	0	0	0	0	0	8	100
% AT AGE	0.00	16.30	55.43	23.91	4.35	0.00	0.00	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	148.80	171.80	188.55	192.50	0.00	0.00	0.00	0.00	0.00	184.75	173.90
- STD. DEV.	0.00	7.83	9.08	7.31	3.87	0.00	0.00	0.00	0.00	0.00	9.72	15.42
WEIGHT - MEAN(gm)	0.00	46.07	74.73	97.68	108.75	0.00	0.00	0.00	0.00	0.00	95.25	78.48
- STD. DEV.	0.00	8.92	12.21	8.75	4.11	0.00	0.00	0.00	0.00	0.00	17.70	20.82

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	6	19	46	29	0	0	0	0	0
% AT STAGE	6.00	19.00	46.00	29.00	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	43	0	0	43
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	56	43	1	100
%	56.00	43.00	1.00	100.00
MEAN WEIGHT	79.36	78.56	26.00	78.48
% SAMP. WT.	56.63	43.04	0.33	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 132 - KANISH BAY

SAMPLE NUMBERS: 118

SOURCE: BAIT FISHERY

GEAR: HERRING SEINE

WEEK: 33 DATE: FEB 6/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	16	53	12	0	0	0	0	0	0	19	100
% AT AGE	0.00	19.75	65.43	14.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	150.63	166.26	181.50	0.00	0.00	0.00	0.00	0.00	0.00	159.68	164.34
- STD. DEV.	0.00	7.82	11.14	6.93	0.00	0.00	0.00	0.00	0.00	0.00	10.33	13.09
WEIGHT - MEAN(gm)	0.00	47.94	66.72	88.00	0.00	0.00	0.00	0.00	0.00	0.00	57.26	64.47
- STD. DEV.	0.00	6.39	12.67	12.66	0.00	0.00	0.00	0.00	0.00	0.00	13.32	16.27

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	13	2	7	77	1	0	0	0	0
% AT STAGE	13.00	2.00	7.00	77.00	1.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	34	0	0	34
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	10.74	0.00	0.00	10.74

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	66	34	0	100
%	66.00	34.00	0.00	100.00
MEAN WEIGHT	64.80	63.82	0.00	64.47
% SAMP. WT.	66.34	33.66	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 132 - KANISH BAY

SAMPLE NUMBERS: 57

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 11/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	17	57	14	2	2	1	0	0	0	6	99
% AT AGE	0.00	18.28	61.29	15.05	2.15	2.15	1.08	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN (mm)	0.00	154.47	169.84	182.07	199.50	212.50	230.00	0.00	0.00	0.00	177.50	171.46
- STD. DEV.	0.00	5.83	8.60	9.38	6.36	3.54	0.00	0.00	0.00	0.00	21.82	15.48
WEIGHT - MEAN (gm)	0.00	46.76	65.58	80.86	117.00	124.50	163.00	0.00	0.00	0.00	77.50	68.44
- STD. DEV.	0.00	5.80	12.03	13.76	22.63	19.09	0.00	0.00	0.00	0.00	30.45	22.05

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	4	5	1	54	35	0	0	0	0
% AT STAGE	4.04	5.05	1.01	54.55	35.35	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	52	0	0	52
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	12.77	0.00	0.00	12.77

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	47	52	0	99
%	47.47	52.53	0.00	100.00
MEAN WEIGHT	64.55	71.96	0.00	68.44
% SAMP. WT.	44.78	55.22	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 142 - BAYNES SOUND

SAMPLE NUMBERS: 66

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 34 DATE: FEB 17/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	5	46	24	12	3	3	0	0	0	7	100
% AT AGE	0.00	5.38	49.46	25.81	12.90	3.23	3.23	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	160.80	181.74	194.83	208.83	219.00	198.67	0.00	0.00	0.00	188.14	189.16
- STD. DEV.	0.00	19.25	11.37	10.74	9.80	8.19	18.01	0.00	0.00	0.00	15.77	16.88
WEIGHT - MEAN(gm)	0.00	56.60	85.48	108.42	132.67	153.67	112.00	0.00	0.00	0.00	98.29	98.94
- STD. DEV.	0.00	16.95	17.64	21.09	27.08	15.37	32.97	0.00	0.00	0.00	31.18	29.22

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	2	73	25	0	0	0	0
% AT STAGE	0.00	0.00	2.00	73.00	25.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	42	1	0	43
%	97.67	2.33	0.00	100.00
% SAMPLE WEIGHT	18.41	0.44	0.00	18.84

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	57	43	0	100
%	57.00	43.00	0.00	100.00
MEAN WEIGHT	101.42	95.65	0.00	98.94
% SAMP. WT.	58.43	41.57	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 142 - BAYNES SOUND

SAMPLE NUMBERS: 37, 42, 69, 10, 68, 67

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 35 DATE: FEB 20/84 - FEB 25/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	15	175	175	107	45	22	2	1	0	56	598
% AT AGE	0.00	2.77	32.29	32.29	19.74	8.30	4.06	0.37	0.18	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	167.40	182.59	197.69	208.86	216.18	217.73	232.00	237.00	0.00	198.57	196.90
- STD. DEV.	0.00	10.32	13.88	10.55	11.10	10.02	11.15	1.41	0.00	0.00	18.84	17.79
WEIGHT - MEAN(gm)	0.00	66.93	90.72	119.15	142.77	157.27	159.32	191.50	177.00	0.00	123.73	118.86
- STD. DEV.	0.00	14.81	22.25	20.57	20.83	20.26	21.22	0.71	0.00	0.00	37.27	33.51

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	4	317	267	9	0	0	0
% AT STAGE	0.00	0.17	0.67	53.01	44.65	1.51	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	233	52	0	285
%	81.75	18.25	0.00	100.00
% SAMPLE WEIGHT	18.47	5.01	0.00	23.48

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	313	285	0	598
%	52.34	47.66	0.00	100.00
MEAN WEIGHT	116.04	121.95	0.00	118.86
% SAMP. WT.	51.10	48.90	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 142 - BAYNES SOUND

SAMPLE NUMBERS: 319, 15, 17, 9, 29,322

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: FEB 27/84 - MAR 1/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	21	179	175	81	54	27	3	5	0	54	599
% AT AGE	0.00	3.85	32.84	32.11	14.86	9.91	4.95	0.55	0.92	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	160.90	184.03	197.36	207.07	216.04	221.30	218.00	233.60	0.00	198.11	198.65
- STD. DEV.	0.00	13.39	12.91	10.71	9.95	10.28	7.90	11.53	6.02	0.00	16.97	17.98
WEIGHT - MEAN(gm)	0.00	56.19	91.07	118.21	137.98	155.67	168.81	189.33	186.00	0.00	120.19	117.35
- STD. DEV.	0.00	14.42	21.40	22.43	23.73	27.00	21.00	21.36	18.64	0.00	36.07	35.81

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	137	456	6	0	0	0
% AT STAGE	0.00	0.00	0.00	22.87	76.13	1.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	94	217	0	311
%	30.23	69.77	0.00	100.00
% SAMPLE WEIGHT	5.69	19.89	0.00	25.58

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	288	311	0	599
%	48.08	51.92	0.00	100.00
MEAN WEIGHT	110.97	123.27	0.00	117.35
% SAMP. WT.	45.46	54.54	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 142 - BAYNES SOUND

SAMPLE NUMBERS: 327, 41, 63

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 5/84 - MAR 8/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	24	67	81	50	25	16	6	3	2	23	297
% AT AGE	0.00	8.76	24.45	29.56	18.25	9.12	5.84	2.19	1.09	0.73	0.00	100.00
LENGTH - MEAN(mm)	0.00	157.21	183.82	197.42	210.88	220.48	223.25	220.17	236.33	236.50	198.04	197.87
- STD. DEV.	0.00	12.59	13.13	10.24	9.78	8.12	9.66	7.05	13.32	4.95	22.94	21.60
WEIGHT - MEAN(gm)	0.00	51.79	88.90	114.51	138.52	162.56	170.81	166.50	215.33	183.00	121.74	117.87
- STD. DEV.	0.00	13.01	20.58	18.27	21.58	21.19	23.24	26.92	14.05	5.66	42.74	40.02

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	0	23	233	37	3	0	0
% AT STAGE	0.00	0.34	0.00	7.74	78.45	12.46	1.01	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	14	119	2	135
%	10.37	88.15	1.48	100.00
% SAMPLE WEIGHT	1.52	23.94	0.03	25.49

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	162	135	0	297
%	54.55	45.45	0.00	100.00
MEAN WEIGHT	114.33	122.13	0.00	117.87
% SAMP. WT.	52.91	47.09	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 144 - FRENCH CREEK

SAMPLE NUMBERS: 318

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 10/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	8	23	21	16	7	8	1	1	1	14	100
% AT AGE	0.00	9.30	26.74	24.42	18.60	8.14	9.30	1.16	1.16	1.16	0.00	100.00
LENGTH - MEAN(mm)	0.00	174.38	186.22	201.76	207.31	217.00	221.50	229.00	216.00	226.00	183.79	197.67
- STD. DEV.	0.00	8.73	9.14	10.14	18.49	8.93	12.07	0.00	0.00	0.00	24.07	20.04
WEIGHT - MEAN(gm)	0.00	73.63	92.96	123.43	134.69	148.43	171.00	162.00	154.00	165.00	93.21	116.67
- STD. DEV.	0.00	15.81	13.95	23.86	35.34	18.16	32.12	0.00	0.00	0.00	45.54	38.97

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	0	86	10	4	0	0
% AT STAGE	0.00	0.00	0.00	0.00	86.00	10.00	4.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	0	38	3	41
%	0.00	92.68	7.32	100.00
% SAMPLE WEIGHT	0.00	25.17	0.14	25.30

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	59	41	0	100
%	59.00	41.00	0.00	100.00
MEAN WEIGHT	111.61	123.95	0.00	116.67
% SAMP. WT.	56.44	43.56	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 152 - LUND

SAMPLE NUMBERS: 49, 16,195, 39, 43

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 35 DATE: FEB 21/84 - FEB 25/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	9	173	160	58	27	13	8	2	1	46	497
% AT AGE	0.00	2.00	38.36	35.48	12.86	5.99	2.88	1.77	0.44	0.22	0.00	100.00
LENGTH - MEAN(mm)	0.00	149.56	177.23	192.66	200.72	208.00	211.31	211.13	210.00	234.00	184.20	188.44
- STD. DEV.	0.00	7.37	10.17	8.95	9.25	8.41	12.15	7.28	2.83	0.00	20.23	16.21
WEIGHT - MEAN(gm)	0.00	46.56	80.52	106.44	119.84	138.70	144.54	152.50	137.50	214.00	96.65	100.82
- STD. DEV.	0.00	7.33	13.75	16.12	17.03	20.89	29.75	21.98	17.68	0.00	32.62	28.02

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	1	15	344	117	15	0	0	0
% AT STAGE	0.20	0.20	3.02	69.22	23.54	3.82	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	265	26	0	291
%	91.07	8.93	0.00	100.00
% SAMPLE WEIGHT	18.40	2.18	0.00	20.58

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	206	291	0	497
%	41.45	58.55	0.00	100.00
MEAN WEIGHT	96.42	103.94	0.00	100.82
% SAMP. WT.	39.64	60.36	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 152 - LUND

SAMPLE NUMBERS: 53,110, 20,108,109, 40,112, 85, 19,102,
73, 31,105, 4,106

SOURCE: PRE-FISHERY CHARTER
ROE FISHERY

GEAR: HERRING SEINE

WEEK: 36 DATE: FEB 26/84 - MAR 3/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	36	559	444	148	79	40	18	8	2	165	1499
% AT AGE	0.00	2.70	41.90	33.28	11.09	5.92	3.00	1.35	0.60	0.15	0.00	100.00
LENGTH - MEAN(mm)	0.00	154.97	177.91	192.32	202.10	207.59	211.02	217.17	224.13	234.50	189.32	188.51
- STD. DEV.	0.00	10.43	8.96	8.48	9.40	8.10	10.12	9.07	9.85	9.19	16.68	15.62
WEIGHT - MEAN(gm)	0.00	51.17	80.48	105.03	125.09	136.29	140.48	157.44	175.75	194.00	102.17	99.97
- STD. DEV.	0.00	9.25	13.88	16.80	20.53	21.87	25.57	25.17	25.04	11.31	30.08	28.54

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	4	3	3	463	966	58	1	1	0
% AT STAGE	0.27	0.20	0.20	30.89	64.44	3.87	0.07	0.07	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	254	576	0	830
%	30.60	69.40	0.00	100.00
% SAMPLE WEIGHT	5.85	18.10	0.00	23.95

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	669	830	0	1499
%	44.63	55.37	0.00	100.00
MEAN WEIGHT	95.95	103.20	0.00	99.97
% SAMP. WT.	42.84	57.16	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 152 - LUND

SAMPLE NUMBERS: 91, 18,101,100, 98, 23,107, 93,104, 89, 76, 88

SOURCE: ROE FISHERY
PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 4/84 - MAR 5/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	9	379	402	135	85	53	13	6	1	113	1196
% AT AGE	0.00	0.83	35.00	37.12	12.47	7.85	4.89	1.20	0.55	0.09	0.00	100.00
LENGTH - MEAN(mm)	0.00	158.56	178.38	192.50	202.18	209.88	211.38	214.23	215.17	213.00	194.08	191.45
- STD. DEV.	0.00	13.08	9.07	9.06	9.32	10.60	10.91	11.03	7.99	0.00	18.35	15.42
WEIGHT - MEAN(gm)	0.00	54.56	82.04	105.55	126.11	150.62	144.34	154.85	145.17	168.00	109.75	106.14
- STD. DEV.	0.00	16.06	13.42	16.46	22.74	66.51	23.21	27.04	14.72	0.00	31.21	33.68

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	2	235	883	75	1	0	0
% AT STAGE	0.00	0.00	0.17	19.65	73.83	6.27	0.08	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	97	497	0	594
%	16.33	83.67	0.00	100.00
% SAMPLE WEIGHT	2.95	21.72	0.00	24.67

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	600	594	1	1195
%	50.21	49.71	0.08	100.00
MEAN WEIGHT	102.85	109.57	60.00	106.16
% SAMP. WT.	48.65	51.31	0.05	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 162 - STILLWATER

SAMPLE NUMBERS: 119, 51, 44,198,122

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 35 DATE: FEB 20/84 - FEB 25/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	17	225	123	50	19	9	5	0	0	48	496
% AT AGE	0.00	3.79	50.22	27.46	11.16	4.24	2.01	1.12	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	150.47	175.95	189.43	198.56	201.89	204.67	206.60	0.00	0.00	185.27	183.43
- STD. DEV.	0.00	10.01	8.81	8.69	9.96	10.46	12.83	19.83	0.00	0.00	19.95	15.37
WEIGHT - MEAN(gm)	0.00	47.29	78.67	102.76	118.26	129.32	137.00	134.40	0.00	0.00	99.94	93.18
- STD. DEV.	0.00	9.84	13.74	15.61	21.88	24.35	25.75	37.88	0.00	0.00	32.63	26.50

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	3	335	151	6	0	0	0
% AT STAGE	0.00	0.20	0.60	67.54	30.44	1.21	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	247	46	0	293
%	84.30	15.70	0.00	100.00
% SAMPLE WEIGHT	16.82	4.00	0.00	20.82

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	202	293	0	495
%	40.81	59.19	0.00	100.00
MEAN WEIGHT	89.06	96.10	0.00	93.23
% SAMP. WT.	38.98	61.02	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 162 - STILLWATER

SAMPLE NUMBERS: 304, 1, 3, 50,320

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: FEB 28/84 - MAR 3/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	15	211	138	52	27	5	4	0	0	44	496
% AT AGE	0.00	3.32	46.68	30.53	11.50	5.97	1.11	0.88	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	152.67	175.72	188.59	199.65	206.67	215.20	212.75	0.00	0.00	180.45	183.91
- STD. DEV.	0.00	7.83	9.18	10.42	10.30	8.85	8.93	12.45	0.00	0.00	18.77	15.84
WEIGHT - MEAN(gm)	0.00	48.00	79.24	99.47	121.21	133.67	153.80	151.75	0.00	0.00	91.75	93.73
- STD. DEV.	0.00	6.95	13.87	16.80	21.69	22.72	32.41	35.37	0.00	0.00	30.97	26.99

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	4	155	313	24	0	0	0
% AT STAGE	0.00	0.00	0.81	31.25	63.10	4.84	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	96	176	0	272
%	35.29	64.71	0.00	100.00
% SAMPLE WEIGHT	5.30	18.01	0.00	23.31

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	223	272	1	496
%	44.96	54.84	0.20	100.00
MEAN WEIGHT	92.11	95.22	50.00	93.73
% SAMP. WT.	44.18	55.71	0.11	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 28

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

WEEK: 22 DATE: NOV 23/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	14	25	15	21	4	2	1	0	1	17	100
% AT AGE	0.00	16.87	30.12	18.07	25.30	4.82	2.41	1.20	0.00	1.20	0.00	100.00
LENGTH - MEAN(mm)	0.00	166.21	186.48	204.80	210.00	210.00	221.00	223.00	0.00	238.00	195.47	195.37
- STD. DEV.	0.00	5.75	7.04	6.47	6.42	5.72	4.24	0.00	0.00	0.00	21.63	18.83
WEIGHT - MEAN(gm)	0.00	72.07	106.44	138.47	152.38	163.75	178.50	185.00	0.00	208.00	127.12	125.13
- STD. DEV.	0.00	7.99	16.12	12.22	11.72	18.28	0.71	0.00	0.00	0.00	44.28	36.64

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	18	82	0	0	0	0	0
% AT STAGE	0.00	0.00	18.00	82.00	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	54	0	0	54
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	46	54	0	100
%	46.00	54.00	0.00	100.00
MEAN WEIGHT	124.41	125.74	0.00	125.13
% SAMP. WT.	45.74	54.26	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 6, 21, 53, 5, 17, 25, 15

SOURCE: FOOD FISHERY
RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 23 DATE: NOV 28/83 - DEC 1/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	16	88	127	140	121	50	25	6	5	3	119	700
% AT AGE	2.75	15.15	21.86	24.10	20.83	8.61	4.30	1.03	0.86	0.52	0.00	100.00
LENGTH - MEAN (mm)	97.06	151.38	192.03	205.83	213.53	218.10	220.64	230.50	225.60	236.00	199.76	196.18
- STD. DEV.	12.46	12.46	9.04	8.28	8.16	6.78	6.61	6.98	10.16	3.61	28.54	28.95
WEIGHT - MEAN (gm)	13.38	54.43	113.77	143.20	161.47	173.40	175.88	194.33	180.40	206.67	140.10	130.67
- STD. DEV.	7.19	12.98	14.35	17.50	18.91	16.31	15.49	9.00	24.20	6.03	71.34	51.59

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	49	32	271	268	80	0	0	0	0
% AT STAGE	7.00	4.57	38.71	38.29	11.43	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	351	0	0	351
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	319	351	30	700
%	45.57	50.14	4.29	100.00
MEAN WEIGHT	130.33	140.24	22.23	130.67
% SAMP. WT.	45.45	53.82	0.73	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 58, 20, 60, 59, 13, 11, 62, 7, 23, 61

SOURCE: RESEARCH - INSHORE
FOOD FISHERY

GEAR: HERRING SEINE

WEEK: 24 DATE: DEC 5/83 - DEC 8/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	246	235	138	73	57	18	4	3	1	223	998
% AT AGE	0.00	31.74	30.32	17.81	9.42	7.35	2.32	0.52	0.39	0.13	0.00	100.00
LENGTH - MEAN(mm)	0.00	166.00	190.33	205.54	214.96	220.91	224.28	232.00	236.67	236.00	189.68	190.80
- STD. DEV.	0.00	9.45	10.00	10.57	9.37	8.75	11.83	3.56	2.52	0.00	21.07	22.02
WEIGHT - MEAN(gm)	0.00	69.70	109.46	137.33	162.67	176.33	186.44	207.00	194.33	229.00	108.67	113.20
- STD. DEV.	0.00	11.17	16.95	22.09	21.48	21.23	26.11	16.89	14.57	0.00	40.41	41.57

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	10	52	463	445	28	0	0	0	0
% AT STAGE	1.00	5.21	46.39	44.59	2.81	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	482	0	0	482
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	512	482	4	998
%	51.30	48.30	0.40	100.00
MEAN WEIGHT	109.21	117.91	56.50	113.20
% SAMP. WT.	49.50	50.30	0.20	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 71, 72

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 25 DATE: DEC 15/83 - DEC 16/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	96	62	9	2	1	0	0	0	0	30	200
% AT AGE	0.00	56.47	36.47	5.29	1.18	0.59	0.00	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	168.76	187.03	195.44	213.00	228.00	0.00	0.00	0.00	0.00	175.20	177.33
- STD. DEV.	0.00	8.30	10.60	9.13	8.49	0.00	0.00	0.00	0.00	0.00	14.27	14.38
WEIGHT - MEAN(gm)	0.00	68.50	98.97	114.11	138.00	201.00	0.00	0.00	0.00	0.00	80.03	83.08
- STD. DEV.	0.00	10.37	17.19	15.03	8.49	0.00	0.00	0.00	0.00	0.00	18.03	22.91

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	6	12	88	94	0	0	0	0	0
% AT STAGE	3.00	6.00	44.00	47.00	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	101	0	0	101
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	98	101	1	200
%	49.00	50.50	0.50	100.00
MEAN WEIGHT	81.68	84.89	38.00	83.08
% SAMP. WT.	48.17	51.60	0.23	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 54, 32

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 35 DATE: FEB 21/84 - FEB 25/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	52	64	21	16	11	3	1	2	0	29	199
% AT AGE	0.00	30.59	37.65	12.35	9.41	6.47	1.76	0.59	1.18	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	166.33	184.08	200.90	209.19	221.00	221.00	230.00	219.00	0.00	174.66	185.04
- STD. DEV.	0.00	9.42	12.88	10.83	8.48	10.09	6.56	0.00	5.66	0.00	15.66	20.70
WEIGHT - MEAN(gm)	0.00	61.98	90.52	122.86	144.13	164.45	167.00	168.00	137.00	0.00	73.72	94.43
- STD. DEV.	0.00	9.76	19.90	17.14	18.00	20.60	10.58	0.00	18.38	0.00	22.98	36.49

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	4	2	6	110	77	0	0	0	0
% AT STAGE	2.01	1.01	3.02	55.28	38.69	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	76	6	0	82
%	92.68	7.32	0.00	100.00
% SAMPLE WEIGHT	16.89	1.79	0.00	18.68

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	117	82	0	199
%	58.79	41.21	0.00	100.00
MEAN WEIGHT	84.61	108.45	0.00	94.43
% SAMP. WT.	52.68	47.32	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 36

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: FEB 26/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	20	35	20	6	3	2	3	0	0	11	100
% AT AGE	0.00	22.47	39.33	22.47	6.74	3.37	2.25	3.37	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	168.00	186.00	196.15	208.00	216.67	225.50	224.00	0.00	0.00	174.09	187.29
- STD. DEV.	0.00	7.95	10.60	9.91	7.97	11.02	3.54	14.42	0.00	0.00	16.54	18.46
WEIGHT - MEAN(gm)	0.00	63.35	87.63	107.75	128.17	157.00	162.00	163.00	0.00	0.00	70.82	93.21
- STD. DEV.	0.00	7.77	16.44	19.53	11.18	28.93	8.49	37.40	0.00	0.00	27.51	32.19

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	3	68	29	0	0	0	0
% AT STAGE	0.00	0.00	3.00	68.00	29.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	49	0	0	49
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	20.09	0.00	0.00	20.09

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	51	49	0	100
%	51.00	49.00	0.00	100.00
MEAN WEIGHT	81.75	105.14	0.00	93.21
% SAMP. WT.	44.73	55.27	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 314

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 14/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	22	22	13	6	10	2	2	1	0	21	99
% AT AGE	0.00	28.21	28.21	16.67	7.69	12.82	2.56	2.56	1.28	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	163.77	185.73	207.38	219.00	225.90	220.50	230.00	237.00	0.00	187.43	192.24
- STD. DEV.	0.00	8.40	12.88	11.85	8.07	5.67	12.02	2.83	0.00	0.00	21.91	25.02
WEIGHT - MEAN(gm)	0.00	63.73	97.45	127.15	157.67	180.00	163.00	186.00	215.00	0.00	103.14	111.35
- STD. DEV.	0.00	8.60	20.61	20.56	18.17	14.01	25.46	12.73	0.00	0.00	41.96	45.29

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	6	4	47	34	3	0	4	0	1
% AT STAGE	6.06	4.04	47.47	34.34	3.03	0.00	4.04	0.00	1.01

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	37	1	1	39
%	94.87	2.56	2.56	100.00
% SAMPLE WEIGHT	9.05	0.38	0.02	9.46

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	59	39	1	99
%	59.60	39.39	1.01	100.00
MEAN WEIGHT	114.66	107.64	61.00	111.35
% SAMP. WT.	61.37	38.08	0.55	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 309

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 39 DATE: MAR 22/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	13	53	11	13	1	1	1	1	0	6	100
% AT AGE	0.00	13.83	56.38	11.70	13.83	1.06	1.06	1.06	1.06	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	172.15	189.02	201.27	209.00	223.00	224.00	225.00	209.00	0.00	194.30	192.35
- STD. DEV.	0.00	5.60	8.90	7.14	3.61	0.00	0.00	0.00	0.00	0.00	18.14	14.39
WEIGHT - MEAN(gm)	0.00	60.54	84.09	98.27	110.15	137.00	129.00	145.00	107.00	0.00	87.83	88.02
- STD. DEV.	0.00	4.63	11.29	8.55	6.96	0.00	0.00	0.00	0.00	0.00	25.44	19.40

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	0	1	1	98	0	0
% AT STAGE	0.00	0.00	0.00	0.00	1.00	1.00	98.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	0	1	46	47
%	0.00	2.13	97.87	100.00
% SAMPLE WEIGHT	0.00	0.72	2.56	3.28

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	53	47	0	100
%	53.00	47.00	0.00	100.00
MEAN WEIGHT	84.94	91.49	0.00	88.02
% SAMP. WT.	51.15	48.85	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 172 - NANOOSE BAY

SAMPLE NUMBERS: 28

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 35 DATE: FEB 24/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	1	28	37	12	4	6	2	0	0	0	9	99
% AT AGE	1.11	31.11	41.11	13.33	4.44	6.67	2.22	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	149.00	166.07	187.05	205.67	212.00	220.50	219.00	0.00	0.00	0.00	194.22	187.32
- STD. DEV.	0.00	8.25	11.63	7.69	6.78	7.01	2.83	0.00	0.00	0.00	20.01	20.35
WEIGHT - MEAN(gm)	46.00	63.89	93.81	126.58	139.25	156.00	166.50	0.00	0.00	0.00	110.44	97.42
- STD. DEV.	0.00	10.53	17.10	19.08	7.09	13.74	13.44	0.00	0.00	0.00	37.59	34.04

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	1	84	14	0	0	0	0
% AT STAGE	0.00	0.00	1.01	84.85	14.14	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	25	0	0	25
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	22.23	0.00	0.00	22.23

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	74	25	0	99
%	74.75	25.25	0.00	100.00
MEAN WEIGHT	92.04	113.36	0.00	97.42
% SAMP. WT.	70.62	29.38	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 172 - NANOOSE BAY

SAMPLE NUMBERS: 6, 5, 30, 21

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: FEB 27/84 - MAR 3/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	112	163	43	24	3	2	0	0	0	52	399
% AT AGE	0.00	32.28	46.97	12.39	6.92	0.86	0.58	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	166.55	185.71	199.98	206.08	215.33	221.00	0.00	0.00	0.00	183.67	183.23
- STD. DEV.	0.00	8.61	12.69	11.25	15.68	2.31	1.41	0.00	0.00	0.00	15.49	17.38
WEIGHT - MEAN(gm)	0.00	62.86	90.47	114.42	128.17	167.33	151.00	0.00	0.00	0.00	87.12	88.01
- STD. DEV.	0.00	10.72	18.14	20.09	29.33	8.39	1.41	0.00	0.00	0.00	26.77	27.77

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	1	4	151	189	53	0	0	0
% AT STAGE	0.25	0.25	1.00	37.84	47.37	13.28	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	116	75	0	191
%	60.73	39.27	0.00	100.00
% SAMPLE WEIGHT	10.26	10.81	0.00	21.08

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	208	191	0	399
%	52.13	47.87	0.00	100.00
MEAN WEIGHT	86.41	89.75	0.00	88.01
% SAMP. WT.	51.18	48.82	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 172 - NANOOSE BAY

SAMPLE NUMBERS: 22

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 4/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	51	35	3	0	0	0	0	0	0	11	100
% AT AGE	0.00	57.30	39.33	3.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	166.53	183.17	193.33	0.00	0.00	0.00	0.00	0.00	0.00	176.00	174.20
- STD. DEV.	0.00	8.10	9.18	1.53	0.00	0.00	0.00	0.00	0.00	0.00	10.56	11.98
WEIGHT - MEAN(gm)	0.00	64.84	90.51	106.67	0.00	0.00	0.00	0.00	0.00	0.00	83.27	77.11
- STD. DEV.	0.00	10.41	15.17	2.08	0.00	0.00	0.00	0.00	0.00	0.00	16.49	18.25

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	13	60	27	0	0	0
% AT STAGE	0.00	0.00	0.00	13.00	60.00	27.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	12	41	0	53
%	22.64	77.36	0.00	100.00
% SAMPLE WEIGHT	3.51	18.53	0.00	22.04

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	47	53	0	100
%	47.00	53.00	0.00	100.00
MEAN WEIGHT	74.96	79.02	0.00	77.11
% SAMP. WT.	45.69	54.31	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 30

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

WEEK: 19 DATE: NOV 3/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	9	24	18	17	3	1	1	0	0	27	100
% AT AGE	0.00	12.33	32.88	24.66	23.29	4.11	1.37	1.37	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	170.89	187.17	208.56	215.47	218.67	218.00	223.00	0.00	0.00	197.41	198.74
- STD. DEV.	0.00	10.54	10.38	7.64	8.97	13.58	0.00	0.00	0.00	0.00	15.32	17.70
WEIGHT - MEAN(gm)	0.00	77.89	104.00	149.56	168.29	176.33	180.00	185.00	0.00	0.00	128.37	131.10
- STD. DEV.	0.00	19.02	18.33	19.65	18.47	23.03	0.00	0.00	0.00	0.00	33.60	37.26

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	21	67	6	5	0	0	0	0
% AT STAGE	1.00	21.00	67.00	6.00	5.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	55	0	0	55
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	45	55	0	100
%	45.00	55.00	0.00	100.00
MEAN WEIGHT	125.80	135.44	0.00	131.10
% SAMP. WT.	43.18	56.82	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 27, 10, 12

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

WEEK: 20 DATE: NOV 7/83 - NOV 8/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	22	91	52	44	21	8	2	2	0	57	299
% AT AGE	0.00	9.09	37.60	21.49	18.18	8.68	3.31	0.83	0.83	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	167.50	190.00	204.69	211.91	219.52	221.75	223.00	230.50	0.00	189.88	197.52
- STD. DEV.	0.00	10.52	8.71	9.36	9.27	7.61	5.78	1.41	10.61	0.00	18.29	17.95
WEIGHT - MEAN(gm)	0.00	72.91	113.99	145.54	165.41	186.57	180.25	189.50	195.00	0.00	118.11	132.72
- STD. DEV.	0.00	19.09	16.62	21.84	20.48	20.70	18.93	16.26	22.63	0.00	37.27	38.25

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	6	160	129	4	0	0	0	0
% AT STAGE	0.00	2.01	53.51	43.14	1.34	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	166	0	0	166
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	133	166	0	299
%	44.48	55.52	0.00	100.00
MEAN WEIGHT	130.10	134.83	0.00	132.72
% SAMP. WT.	43.60	56.40	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 26, 4

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

WEEK: 22 DATE: NOV 22/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	44	69	29	17	5	1	0	0	1	34	200
% AT AGE	0.00	26.51	41.57	17.47	10.24	3.01	0.60	0.00	0.00	0.60	0.00	100.00
LENGTH - MEAN(mm)	0.00	164.98	188.13	201.55	209.59	214.00	227.00	0.00	0.00	240.00	173.68	185.45
- STD. DEV.	0.00	7.07	8.58	8.60	10.91	7.04	0.00	0.00	0.00	0.00	12.68	18.28
WEIGHT - MEAN(gm)	0.00	70.36	111.81	140.48	156.00	176.60	181.00	0.00	0.00	229.00	86.41	108.84
- STD. DEV.	0.00	10.53	16.32	16.28	26.83	9.37	0.00	0.00	0.00	0.00	25.08	35.81

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	14	129	57	0	0	0	0	0
% AT STAGE	0.00	7.00	64.50	28.50	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	97	0	0	97
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	103	97	0	200
%	51.50	48.50	0.00	100.00
MEAN WEIGHT	106.62	111.20	0.00	108.84
% SAMP. WT.	50.45	49.55	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 56, 54, 55, 57

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 24 DATE: DEC 5/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	190	138	11	3	0	0	0	0	0	58	400
% AT AGE	0.00	55.56	40.35	3.22	0.88	0.00	0.00	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	167.48	182.25	192.18	200.67	0.00	0.00	0.00	0.00	0.00	172.19	174.19
- STD. DEV.	0.00	9.16	11.56	14.06	15.63	0.00	0.00	0.00	0.00	0.00	10.17	12.85
WEIGHT - MEAN(gm)	0.00	71.64	98.14	116.91	120.00	0.00	0.00	0.00	0.00	0.00	79.98	83.60
- STD. DEV.	0.00	11.55	16.51	22.64	25.12	0.00	0.00	0.00	0.00	0.00	15.36	19.75

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	8	22	216	154	0	0	0	0	0
% AT STAGE	2.00	5.50	54.00	38.50	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	176	0	0	176
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	218	176	6	400
%	54.50	44.00	1.50	100.00
MEAN WEIGHT	80.57	88.48	50.67	83.60
% SAMP. WT.	52.53	46.57	0.91	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 63, 70, 69, 68, 67, 64, 66, 65

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 25 DATE: DEC 13/83 - DEC 15/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	572	105	5	1	0	0	0	0	0	115	798
% AT AGE	0.00	83.75	15.37	0.73	0.15	0.00	0.00	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	164.55	178.01	197.00	172.00	0.00	0.00	0.00	0.00	0.00	164.23	166.49
- STD. DEV.	0.00	9.45	11.31	8.57	0.00	0.00	0.00	0.00	0.00	0.00	21.38	13.16
WEIGHT - MEAN(gm)	0.00	65.92	88.12	117.20	86.00	0.00	0.00	0.00	0.00	0.00	67.25	69.38
- STD. DEV.	0.00	11.07	16.09	19.15	0.00	0.00	0.00	0.00	0.00	0.00	20.09	15.86

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	46	42	397	313	0	0	0	0	0
% AT STAGE	5.76	5.26	49.75	39.22	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	292	0	0	292
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	468	292	37	797
%	58.72	36.64	4.64	100.00
MEAN WEIGHT	68.94	73.66	41.38	69.39
% SAMP. WT.	58.34	38.89	2.77	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 313

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 33 DATE: FEB 11/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	10	31	15	11	10	6	1	0	0	16	100
% AT AGE	0.00	11.90	36.90	17.86	13.10	11.90	7.14	1.19	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	168.50	186.48	202.53	213.64	220.20	224.00	230.00	0.00	0.00	181.13	195.28
- STD. DEV.	0.00	7.04	8.22	9.82	6.33	4.21	12.00	0.00	0.00	0.00	18.87	20.12
WEIGHT - MEAN(gm)	0.00	64.20	94.52	128.20	149.18	164.60	176.67	185.00	0.00	0.00	87.88	114.33
- STD. DEV.	0.00	5.90	13.06	19.83	17.00	17.27	24.24	0.00	0.00	0.00	32.61	39.40

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	65	35	0	0	0	0
% AT STAGE	0.00	0.00	0.00	65.00	35.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	44	3	0	47
%	93.62	6.38	0.00	100.00
% SAMPLE WEIGHT	18.37	1.16	0.00	19.53

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	53	47	0	100
%	53.00	47.00	0.00	100.00
MEAN WEIGHT	110.02	119.19	0.00	114.33
% SAMP. WT.	51.00	49.00	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 35, 45

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 35 DATE: FEB 20/84 - FEB 22/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	58	54	26	16	5	5	0	0	0	34	198
% AT AGE	0.00	35.37	32.93	15.85	9.76	3.05	3.05	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	164.41	187.94	197.73	211.81	219.40	218.60	0.00	0.00	0.00	181.35	184.70
- STD. DEV.	0.00	10.28	11.08	9.83	9.01	4.04	9.02	0.00	0.00	0.00	13.77	19.59
WEIGHT - MEAN(gm)	0.00	59.05	93.78	114.19	146.38	156.00	151.20	0.00	0.00	0.00	86.09	92.24
- STD. DEV.	0.00	11.45	17.34	18.06	20.16	15.83	24.81	0.00	0.00	0.00	26.65	33.94

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	3	0	7	141	47	0	0	0	0
% AT STAGE	1.52	0.00	3.54	71.21	23.74	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	103	0	0	103
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	20.19	0.00	0.00	20.19

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	94	103	1	198
%	47.47	52.02	0.51	100.00
MEAN WEIGHT	88.61	96.06	40.00	92.24
% SAMP. WT.	45.61	54.18	0.22	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 33, 2

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: FEB 28/84 - MAR 1/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	29	55	41	25	15	9	3	2	1	18	198
% AT AGE	0.00	16.11	30.56	22.78	13.89	8.33	5.00	1.67	1.11	0.56	0.00	100.00
LENGTH - MEAN(mm)	0.00	171.59	192.07	205.34	213.60	220.87	224.78	232.67	232.50	240.00	200.78	200.26
- STD. DEV.	0.00	10.99	8.12	8.27	5.40	6.82	10.92	6.35	2.12	0.00	19.14	18.84
WEIGHT - MEAN(gm)	0.00	68.66	99.04	123.85	144.56	154.27	172.00	177.67	203.00	198.00	116.72	117.32
- STD. DEV.	0.00	12.71	15.65	16.50	10.57	23.72	29.91	11.15	11.31	0.00	33.32	35.80

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	106	74	18	0	0	0
% AT STAGE	0.00	0.00	0.00	53.54	37.37	9.09	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	60	23	0	83
%	72.29	27.71	0.00	100.00
% SAMPLE WEIGHT	16.66	6.59	0.00	23.25

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	115	83	0	198
%	58.08	41.92	0.00	100.00
MEAN WEIGHT	114.67	121.00	0.00	117.32
% SAMP. WT.	56.77	43.23	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 300, 62, 53, 52

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 5/84 - MAR 9/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	125	112	51	46	19	5	4	2	1	35	400
% AT AGE	0.00	34.25	30.68	13.97	12.60	5.21	1.37	1.10	0.55	0.27	0.00	100.00
LENGTH - MEAN(mm)	0.00	167.44	190.49	203.00	214.83	224.00	229.00	234.25	235.00	244.00	186.09	190.16
- STD. DEV.	0.00	8.78	10.60	8.75	8.70	7.84	4.30	11.03	8.49	0.00	23.00	22.07
WEIGHT - MEAN(gm)	0.00	63.54	98.59	127.04	149.96	176.95	185.80	193.00	201.50	218.00	98.86	103.76
- STD. DEV.	0.00	10.33	16.40	19.06	21.98	22.62	22.13	34.51	4.95	0.00	38.94	41.30

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	2	0	0	42	266	90	0	0	0
% AT STAGE	0.50	0.00	0.00	10.50	66.50	22.50	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	38	165	0	203
%	18.72	81.28	0.00	100.00
% SAMPLE WEIGHT	2.47	20.94	0.00	23.41

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	197	203	0	400
%	49.25	50.75	0.00	100.00
MEAN WEIGHT	98.11	109.25	0.00	103.76
% SAMP. WT.	46.57	53.43	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 311, 59

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 11/84 - MAR 15/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	53	66	31	26	9	1	2	0	0	12	200
% AT AGE	0.00	28.19	35.11	16.49	13.83	4.79	0.53	1.06	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	170.55	191.56	205.94	215.96	218.78	209.00	229.00	0.00	0.00	187.33	192.82
- STD. DEV.	0.00	9.13	11.10	8.15	9.03	12.41	0.00	8.49	0.00	0.00	16.10	19.48
WEIGHT - MEAN(gm)	0.00	68.83	101.52	131.16	151.08	163.00	128.00	173.50	0.00	0.00	91.50	106.91
- STD. DEV.	0.00	15.07	19.98	11.81	16.18	30.74	0.00	19.09	0.00	0.00	22.24	35.45

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	1	5	152	42	0	0	0
% AT STAGE	0.00	0.00	0.50	2.50	76.00	21.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	4	85	0	89
%	4.49	95.51	0.00	100.00
% SAMPLE WEIGHT	0.62	25.20	0.00	25.82

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	110	89	1	200
%	55.00	44.50	0.50	100.00
MEAN WEIGHT	100.14	116.04	39.00	106.91
% SAMP. WT.	51.52	48.30	0.18	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 116,305

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 39 DATE: MAR 20/84 - MAR 21/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	77	56	30	9	5	2	0	0	0	21	200
% AT AGE	0.00	43.02	31.28	16.76	5.03	2.79	1.12	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	165.40	187.27	203.57	209.33	222.80	223.50	0.00	0.00	0.00	184.95	183.29
- STD. DEV.	0.00	7.30	9.75	8.74	8.72	6.98	3.54	0.00	0.00	0.00	19.06	19.37
WEIGHT - MEAN(gm)	0.00	58.87	87.48	120.03	123.78	163.20	156.00	0.00	0.00	0.00	88.24	85.64
- STD. DEV.	0.00	9.58	18.68	23.07	31.84	38.62	18.38	0.00	0.00	0.00	29.77	33.08

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	0	5	88	2	104	0	0
% AT STAGE	0.00	0.50	0.00	2.50	44.00	1.00	52.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	1	54	48	103
%	0.97	52.43	46.60	100.00
% SAMPLE WEIGHT	0.01	15.05	0.90	15.96

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	96	103	1	200
%	48.00	51.50	0.50	100.00
MEAN WEIGHT	77.16	93.86	53.00	85.64
% SAMP. WT.	43.24	56.45	0.31	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 181 - OTHER AREA 18

SAMPLE NUMBERS: 310,191

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 39 DATE: MAR 22/84 - MAR 23/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	3	9	41	32	55	11	5	1	2	41	200
% AT AGE	0.00	1.89	5.66	25.79	20.13	34.59	6.92	3.14	0.63	1.26	0.00	100.00
LENGTH - MEAN(mm)	0.00	169.67	195.11	208.32	221.66	225.20	233.27	237.00	243.00	248.00	214.34	217.82
- STD. DEV.	0.00	5.86	10.12	10.90	7.29	9.34	7.88	4.00	0.00	18.38	13.82	15.34
WEIGHT - MEAN(gm)	0.00	64.33	107.44	139.56	165.38	179.00	197.55	186.20	217.00	215.50	155.34	160.70
- STD. DEV.	0.00	7.37	13.90	26.18	21.53	23.96	18.94	20.86	0.00	82.73	32.05	35.24

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	9	28	116	25	0	22	0	0
% AT STAGE	0.00	4.50	14.00	58.00	12.50	0.00	11.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	97	1	10	108
%	89.81	0.93	9.26	100.00
% SAMPLE WEIGHT	13.70	0.07	0.10	13.87

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	91	108	0	199
%	45.73	54.27	0.00	100.00
MEAN WEIGHT	153.02	167.38	0.00	160.81
% SAMP. WT.	43.51	56.49	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 182 - GANGES HARBOUR

SAMPLE NUMBERS: 9

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

WEEK: 24 DATE: DEC 5/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	16	31	11	10	6	0	0	0	0	26	100
% AT AGE	0.00	21.62	41.89	14.86	13.51	8.11	0.00	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	167.63	190.65	204.18	214.00	218.17	0.00	0.00	0.00	0.00	185.69	191.15
- STD. DEV.	0.00	8.17	8.04	9.10	15.38	3.31	0.00	0.00	0.00	0.00	17.89	18.82
WEIGHT - MEAN(gm)	0.00	72.13	108.13	137.82	153.80	159.00	0.00	0.00	0.00	0.00	102.96	111.91
- STD. DEV.	0.00	11.96	19.52	21.78	30.03	16.22	0.00	0.00	0.00	0.00	32.05	34.75

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	32	48	20	0	0	0	0
% AT STAGE	0.00	0.00	32.00	48.00	20.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	45	0	0	45
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	55	45	0	100
%	55.00	45.00	0.00	100.00
MEAN WEIGHT	103.71	121.93	0.00	111.91
% SAMP. WT.	50.97	49.03	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 231 - OTHER AREA 23

SAMPLE NUMBERS: 113

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 12/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	27	34	7	4	2	1	1	0	0	23	99
% AT AGE	0.00	35.53	44.74	9.21	5.26	2.63	1.32	1.32	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	169.07	190.06	199.29	215.25	222.50	224.00	229.00	0.00	0.00	185.65	186.37
- STD. DEV.	0.00	5.18	10.63	9.79	14.22	3.54	0.00	0.00	0.00	0.00	14.63	17.27
WEIGHT - MEAN(gm)	0.00	67.93	100.12	120.71	153.00	167.00	163.00	185.00	0.00	0.00	91.61	95.80
- STD. DEV.	0.00	8.28	18.86	23.92	22.32	11.31	0.00	0.00	0.00	0.00	26.42	31.30

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	15	84	0	0	0	0
% AT STAGE	0.00	0.00	0.00	15.15	84.85	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	0	47	0	47
%	0.00	100.00	0.00	100.00
% SAMPLE WEIGHT	0.00	26.35	0.00	26.35

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	52	47	0	99
%	52.53	47.47	0.00	100.00
MEAN WEIGHT	93.48	98.36	0.00	95.80
% SAMP. WT.	51.25	48.75	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 232 - MACOAH PASS

SAMPLE NUMBERS: 11

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 35 DATE: FEB 25/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	34	44	7	1	5	4	0	0	0	5	100
% AT AGE	0.00	35.79	46.32	7.37	1.05	5.26	4.21	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	170.50	186.66	203.29	230.00	220.40	219.75	0.00	0.00	0.00	182.60	185.57
- STD. DEV.	0.00	6.70	8.64	10.56	0.00	6.39	5.12	0.00	0.00	0.00	12.82	17.11
WEIGHT - MEAN(gm)	0.00	71.24	97.39	132.00	173.00	160.00	165.75	0.00	0.00	0.00	92.40	97.29
- STD. DEV.	0.00	8.14	15.24	28.65	0.00	8.22	13.91	0.00	0.00	0.00	27.73	31.27

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	2	0	0	40	47	11	0	0	0
% AT STAGE	2.00	0.00	0.00	40.00	47.00	11.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	36	20	0	56
%	64.29	35.71	0.00	100.00
% SAMPLE WEIGHT	12.29	9.71	0.00	22.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	44	56	0	100
%	44.00	56.00	0.00	100.00
MEAN WEIGHT	92.80	100.82	0.00	97.29
% SAMP. WT.	41.97	58.03	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 232 - MACOAH PASS

SAMPLE NUMBERS: 38, 12,192, 26, 34,312

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: FEB 27/84 - MAR 3/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	192	185	50	31	38	13	5	4	2	79	599
% AT AGE	0.00	36.92	35.58	9.62	5.96	7.31	2.50	0.96	0.77	0.38	0.00	100.00
LENGTH - MEAN(mm)	0.00	168.38	188.08	205.36	212.68	221.79	224.69	225.80	236.50	244.00	189.03	188.36
- STD. DEV.	0.00	8.00	9.82	10.67	9.39	8.50	8.97	5.22	7.51	2.83	21.47	21.24
WEIGHT - MEAN(gm)	0.00	67.68	99.17	133.72	150.77	165.82	168.38	165.80	199.25	220.00	102.77	102.46
- STD. DEV.	0.00	11.92	17.21	22.20	24.92	22.78	25.29	17.99	17.02	8.49	40.74	39.49

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	1	3	129	435	30	0	0	0
% AT STAGE	0.17	0.17	0.50	21.54	72.62	5.01	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	98	185	0	283
%	34.63	65.37	0.00	100.00
% SAMPLE WEIGHT	5.73	18.17	0.00	23.90

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	316	283	0	599
%	52.75	47.25	0.00	100.00
MEAN WEIGHT	98.94	106.40	0.00	102.46
% SAMP. WT.	50.94	49.06	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 232 - MACOAH PASS

SAMPLE NUMBERS: 137, 83, 70, 71, 84, 87, 74, 117, 82, 61, 95, 13, 90, 78, 121, 94, 60, 77, 120

SOURCE: PRE-FISHERY CHARTER
ROE FISHERY

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 4/84 - MAR 8/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	372	579	211	147	146	88	12	17	2	322	1896
% AT AGE	0.00	23.63	36.79	13.41	9.34	9.28	5.59	0.76	1.08	0.13	0.00	100.00
LENGTH - MEAN(mm)	0.00	168.75	189.56	204.73	214.85	221.18	225.08	227.08	234.35	246.00	190.19	194.01
- STD. DEV.	0.00	8.24	10.45	10.01	9.40	8.43	7.82	12.88	8.25	2.83	21.76	21.47
WEIGHT - MEAN(gm)	0.00	69.05	102.08	131.69	152.44	166.07	176.55	182.33	195.18	224.00	105.26	113.19
- STD. DEV.	0.00	12.88	18.72	21.11	21.49	22.06	19.30	22.37	25.14	26.87	39.70	40.60

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	3	1	345	1477	68	2	0	0
% AT STAGE	0.00	0.16	0.05	18.20	77.90	3.59	0.11	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	135	916	1	1052
%	12.83	87.07	0.10	100.00
% SAMPLE WEIGHT	1.95	24.19	0.00	26.14

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	844	1052	0	1896
%	44.51	55.49	0.00	100.00
MEAN WEIGHT	106.38	118.65	0.00	113.19
% SAMP. WT.	41.84	58.16	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 232 - MACOAH PASS

SAMPLE NUMBERS: 103

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 13/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	27	31	9	3	10	8	1	0	0	11	100
% AT AGE	0.00	30.34	34.83	10.11	3.37	11.24	8.99	1.12	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	167.78	191.00	204.11	216.33	217.30	231.25	224.00	0.00	0.00	179.00	191.53
- STD. DEV.	0.00	8.76	8.65	10.64	8.39	8.68	7.96	0.00	0.00	0.00	18.78	22.58
WEIGHT - MEAN(gm)	0.00	67.74	98.13	128.89	147.35	158.60	189.00	162.00	0.00	0.00	85.55	106.74
- STD. DEV.	0.00	11.35	15.53	26.00	19.30	26.16	9.83	0.00	0.00	0.00	33.65	42.24

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	18	81	1	0	0	0
% AT STAGE	0.00	0.00	0.00	18.00	81.00	1.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	6	42	0	48
%	12.50	87.50	0.00	100.00
% SAMPLE WEIGHT	2.00	24.35	0.00	26.35

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	52	48	0	100
%	52.00	48.00	0.00	100.00
MEAN WEIGHT	96.75	117.56	0.00	106.74
% SAMP. WT.	47.13	52.87	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 233 - MAYNE BAY

SAMPLE NUMBERS: 14

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: FEB 26/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	7	42	9	14	9	9	1	1	0	8	100
% AT AGE	0.00	7.61	45.65	9.78	15.22	9.78	9.78	1.09	1.09	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	171.00	184.48	193.78	210.43	221.00	220.11	229.00	218.00	0.00	203.63	196.81
- STD. DEV.	0.00	4.83	10.62	8.91	7.94	7.04	6.33	0.00	0.00	0.00	22.83	19.16
WEIGHT - MEAN(gm)	0.00	73.86	100.31	111.44	149.50	176.00	174.44	179.00	177.00	0.00	137.63	124.37
- STD. DEV.	0.00	9.04	17.04	14.81	16.19	24.83	11.20	0.00	0.00	0.00	45.97	38.21

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	2	0	0	59	38	1	0	0	0
% AT STAGE	2.00	0.00	0.00	59.00	38.00	1.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	28	22	0	50
%	56.00	44.00	0.00	100.00
% SAMPLE WEIGHT	13.72	12.84	0.00	26.56

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	50	50	0	100
%	50.00	50.00	0.00	100.00
MEAN WEIGHT	110.42	138.32	0.00	124.37
% SAMP. WT.	44.39	55.61	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 238 - OFFSHORE AREA 23

SAMPLE NUMBERS: 31

SOURCE: BAIT FISHERY

GEAR: HERRING SEINE

WEEK: 10 DATE: SEP 2/83

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	2	42	10	2	1	3	0	0	0	40	100
% AT AGE	0.00	3.33	70.00	16.67	3.33	1.67	5.00	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	160.00	177.05	193.50	201.00	212.00	220.67	0.00	0.00	0.00	179.65	181.53
- STD. DEV.	0.00	4.24	6.26	12.83	14.14	0.00	6.66	0.00	0.00	0.00	18.00	16.10
WEIGHT - MEAN(gm)	0.00	63.50	90.88	103.90	129.50	152.00	176.33	0.00	0.00	0.00	95.30	97.35
- STD. DEV.	0.00	13.44	10.82	20.32	19.09	0.00	17.24	0.00	0.00	0.00	29.82	27.11

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	7	90	3	0	0	0	0	0	0
% AT STAGE	7.00	90.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	51	0	0	51
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	34	51	15	100
%	34.00	51.00	15.00	100.00
MEAN WEIGHT	97.21	101.69	82.93	97.35
% SAMP. WT.	33.95	53.27	12.78	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 243 - SYDNEY INLET

SAMPLE NUMBERS: 25,330

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 35 DATE: FEB 25/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	11	50	35	26	34	21	3	4	2	14	200
% AT AGE	0.00	5.91	26.88	18.82	13.98	18.28	11.29	1.61	2.15	1.08	0.00	100.00
LENGTH - MEAN (mm)	0.00	169.45	187.96	203.11	213.54	218.50	223.19	230.00	231.00	226.00	194.50	204.14
- STD. DEV.	0.00	5.48	8.56	8.82	7.98	8.70	6.14	5.57	4.32	11.31	20.93	18.45
WEIGHT - MEAN (gm)	0.00	73.00	99.40	128.57	154.46	166.79	175.10	198.00	190.25	183.50	119.57	135.16
- STD. DEV.	0.00	7.76	15.97	19.20	18.56	25.17	18.95	31.00	28.74	77.07	45.34	39.89

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	50	145	5	0	0	0
% AT STAGE	0.00	0.00	0.00	25.00	72.50	2.50	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	39	57	0	96
%	40.63	59.38	0.00	100.00
% SAMPLE WEIGHT	9.99	17.36	0.00	27.34

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	104	96	0	200
%	52.00	48.00	0.00	100.00
MEAN WEIGHT	129.26	141.56	0.00	135.16
% SAMP. WT.	49.73	50.27	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 243 - SYDNEY INLET

SAMPLE NUMBERS: 7, 8,308

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: FEB 26/84 - FEB 28/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	27	81	50	31	46	17	6	5	0	36	299
% AT AGE	0.00	10.27	30.80	19.01	11.79	17.49	6.46	2.28	1.90	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	169.11	189.64	202.66	216.74	220.28	226.24	229.83	223.80	0.00	199.61	202.15
- STD. DEV.	0.00	12.96	10.86	12.95	10.35	9.63	9.08	5.71	8.61	0.00	24.65	21.15
WEIGHT - MEAN(gm)	0.00	70.37	104.37	128.22	159.90	168.24	178.24	192.83	179.20	0.00	124.92	130.57
- STD. DEV.	0.00	20.00	18.36	23.54	24.87	24.68	19.94	19.61	20.98	0.00	44.64	41.40

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	17	281	1	0	0	0
% AT STAGE	0.00	0.00	0.00	5.69	93.98	0.33	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	12	132	0	144
%	8.33	91.67	0.00	100.00
% SAMPLE WEIGHT	1.59	25.25	0.00	26.84

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	155	144	0	299
%	51.84	48.16	0.00	100.00
MEAN WEIGHT	124.90	136.68	0.00	130.57
% SAMP. WT.	49.59	50.41	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 243 - SYDNEY INLET

SAMPLE NUMBERS: 173,170,165

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 5/84 - MAR 6/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	69	87	38	27	22	23	5	0	2	27	300
% AT AGE	0.00	25.27	31.87	13.92	9.89	8.06	8.42	1.83	0.00	0.73	0.00	100.00
LENGTH - MEAN(mm)	0.00	169.51	190.83	207.53	215.74	219.09	225.39	237.40	0.00	237.50	193.89	196.37
- STD. DEV.	0.00	8.32	10.41	9.79	9.16	8.86	11.93	7.37	0.00	13.44	25.31	22.52
WEIGHT - MEAN(gm)	0.00	68.22	101.69	134.47	156.67	156.36	175.43	197.40	0.00	185.00	111.48	115.79
- STD. DEV.	0.00	10.27	19.17	20.31	24.57	24.78	31.26	22.28	0.00	49.50	49.36	43.48

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	44	251	3	1	0	1
% AT STAGE	0.00	0.00	0.00	14.67	83.67	1.00	0.33	0.00	0.33

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	32	130	0	162
%	19.75	80.25	0.00	100.00
% SAMPLE WEIGHT	3.39	23.32	0.00	26.71

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	137	162	1	300
%	45.67	54.00	0.33	100.00
MEAN WEIGHT	110.47	120.64	58.00	115.79
% SAMP. WT.	43.57	56.26	0.17	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 251 - OTHER AREA 25

SAMPLE NUMBERS: 187

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 7/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	48	19	1	0	0	1	0	0	0	31	100
% AT AGE	0.00	69.57	27.54	1.45	0.00	0.00	1.45	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	169.08	190.58	187.00	0.00	0.00	229.00	0.00	0.00	0.00	173.77	175.40
- STD. DEV.	0.00	8.80	9.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.01	13.79
WEIGHT - MEAN(gm)	0.00	63.63	94.63	86.00	0.00	0.00	148.00	0.00	0.00	0.00	71.77	73.11
- STD. DEV.	0.00	11.59	15.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.26	19.71

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	6	93	1	0	0	0
% AT STAGE	0.00	0.00	0.00	6.00	93.00	1.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	6	50	0	56
%	10.71	89.29	0.00	100.00
% SAMPLE WEIGHT	1.91	24.09	0.00	25.99

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	44	56	0	100
%	44.00	56.00	0.00	100.00
MEAN WEIGHT	66.14	78.59	0.00	73.11
% SAMP. WT.	39.80	60.20	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 253 - NUCHATLITZ INLET

SAMPLE NUMBERS: 24

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: FEB 27/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	40	36	3	1	2	3	0	2	0	13	100
% AT AGE	0.00	45.98	41.38	3.45	1.15	2.30	3.45	0.00	2.30	0.00	0.00	100.00
LENGTH - MEAN (mm)	0.00	168.43	183.28	205.67	212.00	210.00	220.00	0.00	224.00	0.00	176.23	179.83
- STD. DEV.	0.00	8.05	10.36	2.89	0.00	9.90	7.00	0.00	11.31	0.00	12.61	16.80
WEIGHT - MEAN (gm)	0.00	66.55	86.17	127.33	124.00	140.00	153.33	0.00	146.00	0.00	77.69	83.12
- STD. DEV.	0.00	9.72	14.33	3.51	0.00	49.50	7.77	0.00	16.97	0.00	18.94	25.91

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	1	55	42	1	1	0	0
% AT STAGE	0.00	0.00	1.00	55.00	42.00	1.00	1.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	52	19	0	71
%	73.24	26.76	0.00	100.00
% SAMPLE WEIGHT	13.41	6.19	0.00	19.60

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	29	71	0	100
%	29.00	71.00	0.00	100.00
MEAN WEIGHT	82.90	83.21	0.00	83.12
% SAMP. WT.	28.92	71.08	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 253 - NUCHATLITZ INLET

SAMPLE NUMBERS: 188

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 13/84

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	34	43	5	1	2	3	1	0	0	11	100
% AT AGE	0.00	38.20	48.31	5.62	1.12	2.25	3.37	1.12	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	167.41	188.88	190.20	195.00	222.50	220.33	227.00	0.00	0.00	181.45	182.89
- STD. DEV.	0.00	8.55	11.50	8.53	0.00	7.78	3.06	0.00	0.00	0.00	14.11	17.33
WEIGHT - MEAN(gm)	0.00	69.29	100.02	107.60	115.00	164.00	154.67	189.00	0.00	0.00	87.09	92.49
- STD. DEV.	0.00	11.38	19.21	18.96	0.00	18.38	7.64	0.00	0.00	0.00	17.73	28.18

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	5	86	8	1	0	0
% AT STAGE	0.00	0.00	0.00	5.00	86.00	8.00	1.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	3	65	0	68
%	4.41	95.59	0.00	100.00
% SAMPLE WEIGHT	0.73	24.17	0.00	24.90

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	31	68	1	100
%	31.00	68.00	1.00	100.00
MEAN WEIGHT	84.74	96.57	55.00	92.49
% SAMP. WT.	28.40	71.00	0.59	100.00

TABLE 16 TRAWL SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 51 - OTHER AREA 5

SAMPLE NUMBERS: 14

SOURCE: FOOD FISHERY

GEAR: HERRING TRAWL

WEEK: 24 DATE: DEC 4/83

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	4	15	18	11	10	10	3	5	5	19	100
% AT AGE	0.00	4.94	18.52	22.22	13.58	12.35	12.35	3.70	6.17	6.17	0.00	100.00
LENGTH - MEAN(mm)	0.00	154.00	173.87	185.39	200.55	207.00	210.80	232.00	234.40	237.00	178.95	193.98
- STD. DEV.	0.00	2.16	13.13	9.83	14.21	11.33	19.14	12.00	11.15	8.72	27.98	26.70
WEIGHT - MEAN(gm)	0.00	48.75	77.80	90.50	111.55	117.00	126.80	150.67	160.60	177.60	84.00	103.95
- STD. DEV.	0.00	3.50	17.08	12.16	23.62	15.75	32.55	11.24	35.28	33.50	37.54	38.87

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	5	30	56	8	1	0	0	0	0
% AT STAGE	5.00	30.00	56.00	8.00	1.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	59	0	0	59
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	41	59	0	100
%	41.00	59.00	0.00	100.00
MEAN WEIGHT	108.10	101.07	0.00	103.95
% SAMP. WT.	42.64	57.36	0.00	100.00

TABLE 16 (CONT.) TRAWL SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 52 - KITKATLA CHANNEL

SAMPLE NUMBERS: 19

SOURCE: FOOD FISHERY

GEAR: HERRING TRAWL

WEEK: 24 DATE: DEC 4/83

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	5	54	9	5	4	0	0	1	2	20	100
% AT AGE	0.00	6.25	67.50	11.25	6.25	5.00	0.00	0.00	1.25	2.50	0.00	100.00
LENGTH - MEAN(mm)	0.00	147.80	167.24	176.56	172.60	182.00	0.00	0.00	228.00	240.50	167.80	170.15
- STD. DEV.	0.00	6.80	9.22	10.13	15.55	20.46	0.00	0.00	0.00	3.54	14.70	17.15
WEIGHT - MEAN(gm)	0.00	49.20	73.93	82.78	78.00	92.75	0.00	0.00	141.00	179.50	73.85	77.21
- STD. DEV.	0.00	7.40	13.27	17.45	20.06	33.93	0.00	0.00	0.00	30.41	23.97	24.59

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	8	15	57	19	1	0	0	0	0
% AT STAGE	8.00	15.00	57.00	19.00	1.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	48	0	0	48
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	52	48	0	100
%	52.00	48.00	0.00	100.00
MEAN WEIGHT	78.29	76.04	0.00	77.21
% SAMP. WT.	52.73	47.27	0.00	100.00

TABLE 17 INSHORE RESEARCH SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 131 - OTHER AREA 13 STRAIT

SAMPLE NUMBERS: 41, 43, 42, 46, 44, 45, 47

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 22 DATE: NOV 21/83 - NOV 22/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	4	377	221	31	9	1	5	0	0	0	50	698
% AT AGE	0.62	58.18	34.10	4.78	1.39	0.15	0.77	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	99.75	145.52	167.88	188.55	161.44	199.00	185.20	0.00	0.00	0.00	155.18	155.51
- STD. DEV.	9.60	8.81	10.48	6.80	20.63	0.00	18.69	0.00	0.00	0.00	26.53	17.71
WEIGHT - MEAN(gm)	12.50	41.85	70.30	103.52	69.33	125.00	97.60	0.00	0.00	0.00	56.94	55.39
- STD. DEV.	3.51	8.71	13.92	12.16	34.79	0.00	30.12	0.00	0.00	0.00	25.07	21.85

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	204	198	158	138	0	0	0	0	0
% AT STAGE	29.23	28.37	22.64	19.77	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	312	0	0	312
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	230	312	156	698
%	32.95	44.70	22.35	100.00
MEAN WEIGHT	62.73	59.48	36.35	55.39
% SAMP. WT.	37.32	48.01	14.67	100.00

TABLE 17 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 132 - KANISH BAY

SAMPLE NUMBERS: 34, 35, 33, 32

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 20 DATE: NOV 8/83 - NOV 9/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	78	89	94	52	15	7	13	0	0	0	52	400
% AT AGE	22.41	25.57	27.01	14.94	4.31	2.01	3.74	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	98.19	142.58	172.12	190.48	194.27	204.43	203.69	0.00	0.00	0.00	156.10	153.86
- STD. DEV.	7.23	10.59	8.94	8.73	5.66	8.56	9.03	0.00	0.00	0.00	39.07	36.58
WEIGHT - MEAN(gm)	13.50	42.31	79.35	110.69	118.67	141.43	140.00	0.00	0.00	0.00	69.60	65.61
- STD. DEV.	3.09	9.89	12.80	16.27	10.50	23.14	24.71	0.00	0.00	0.00	43.39	41.43

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	159	45	92	104	0	0	0	0	0
% AT STAGE	39.75	11.25	23.00	26.00	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	127	0	0	127
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	139	127	134	400
%	34.75	31.75	33.50	100.00
MEAN WEIGHT	89.91	85.89	21.17	65.61
% SAMP. WT.	47.62	41.57	10.81	100.00

TABLE 17 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 132 - KANISH BAY

SAMPLE NUMBERS: 40, 39, 38, 37, 36

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 21 DATE: NOV 16/83 - NOV 18/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	1	40	236	114	29	13	7	3	1	0	55	499
% AT AGE	0.23	9.01	53.15	25.68	6.53	2.93	1.58	0.68	0.23	0.00	0.00	100.00
LENGTH - MEAN(mm)	106.00	156.07	175.25	189.15	201.34	210.46	206.14	210.33	213.00	0.00	180.96	180.54
- STD. DEV.	0.00	8.67	10.14	9.03	10.97	7.59	9.91	12.50	0.00	0.00	26.36	17.69
WEIGHT - MEAN(gm)	17.00	54.15	81.59	106.51	126.93	150.77	142.00	149.33	155.00	0.00	93.88	92.14
- STD. DEV.	0.00	10.35	13.62	15.95	19.82	24.84	25.83	24.17	0.00	0.00	32.49	27.67

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	9	44	216	229	0	0	1	0	0
% AT STAGE	1.80	8.82	43.29	45.89	0.00	0.00	0.20	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	238	0	0	238
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	253	238	8	499
%	50.70	47.70	1.60	100.00
MEAN WEIGHT	91.32	95.14	29.13	92.14
% SAMP. WT.	50.25	49.25	0.51	100.00

TABLE 17 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 132 - KANISH BAY

SAMPLE NUMBERS: 49, 48, 50, 51, 52

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 23 DATE: NOV 28/83 - NOV 29/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	58	29	146	124	52	17	14	0	0	0	58	498
% AT AGE	13.18	6.59	33.18	28.18	11.82	3.86	3.18	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	100.47	150.00	176.55	191.74	201.38	213.12	214.64	0.00	0.00	0.00	160.74	173.00
- STD. DEV.	6.47	9.43	10.49	10.89	10.02	8.42	10.00	0.00	0.00	0.00	44.74	35.47
WEIGHT - MEAN(gm)	12.10	46.59	84.66	111.00	130.21	153.18	164.50	0.00	0.00	0.00	79.76	89.32
- STD. DEV.	2.69	11.78	14.81	16.58	23.34	20.68	29.37	0.00	0.00	0.00	53.28	44.37

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	87	33	177	200	0	0	1	0	0
% AT STAGE	17.47	6.63	35.54	40.16	0.00	0.00	0.20	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	188	0	0	188
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	223	188	87	498
%	44.78	37.75	17.47	100.00
MEAN WEIGHT	104.23	105.41	16.34	89.32
% SAMP. WT.	52.25	44.55	3.20	100.00

TABLE 17 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 53

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 23 DATE: DEC 1/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	16	71	3	0	0	0	0	0	0	0	10	100
% AT AGE	17.78	78.89	3.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	97.06	148.52	165.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	128.20	138.75
- STD. DEV.	12.46	11.11	4.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.45	24.38
WEIGHT - MEAN(gm)	13.38	51.86	79.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.80	45.12
- STD. DEV.	7.19	12.01	14.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.64	20.25

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	47	6	40	7	0	0	0	0	0
% AT STAGE	47.00	6.00	40.00	7.00	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	33	0	0	33
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	37	33	30	100
%	37.00	33.00	30.00	100.00
MEAN WEIGHT	53.76	56.24	22.23	45.12
% SAMP. WT.	44.08	41.13	14.78	100.00

TABLE 17 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 58, 61, 60, 62, 59

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 24 DATE: DEC 6/83 - DEC 7/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	120	141	69	21	19	5	0	2	0	122	499
% AT AGE	0.00	31.83	37.40	18.30	5.57	5.04	1.33	0.00	0.53	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	169.91	191.24	205.12	212.76	221.58	223.20	0.00	236.50	0.00	186.98	189.55
- STD. DEV.	0.00	7.62	9.79	10.76	12.7[illegible]	9.46	21.60	0.00	3.54	0.00	17.45	18.85
WEIGHT - MEAN(gm)	0.00	73.31	109.77	134.32	156.86	177.74	188.40	0.00	197.50	0.00	100.62	107.87
- STD. DEV.	0.00	9.49	16.87	19.97	24.93	17.79	39.41	0.00	19.09	0.00	33.54	35.53

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	4	45	280	170	0	0	0	0	0
% AT STAGE	0.80	9.02	56.11	34.07	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	227	0	0	227
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	268	227	4	499
%	53.71	45.49	0.80	100.00
MEAN WEIGHT	105.03	112.13	[illegible]	107.87
% SAMP. WT.	52.29	47.29	0.42	100.00

TABLE 17 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 71, 72

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 25 DATE: DEC 15/83 - DEC 16/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	96	62	9	2	1	0	0	0	0	30	200
% AT AGE	0.00	56.47	36.47	5.29	1.18	0.59	0.00	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN (mm)	0.00	168.76	187.03	195.44	213.00	228.00	0.00	0.00	0.00	0.00	175.20	177.33
- STD. DEV.	0.00	8.30	10.60	9.13	8.49	0.00	0.00	0.00	0.00	0.00	14.27	14.38
WEIGHT - MEAN (gm)	0.00	68.50	98.97	114.11	138.00	201.00	0.00	0.00	0.00	0.00	80.03	83.08
- STD. DEV.	0.00	10.37	17.19	15.03	8.49	0.00	0.00	0.00	0.00	0.00	18.03	22.91

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	6	12	88	94	0	0	0	0	0
% AT STAGE	3.00	6.00	44.00	47.00	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	101	0	0	101
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	98	101	1	200
%	49.00	50.50	0.50	100.00
MEAN WEIGHT	81.68	84.89	38.00	83.08
% SAMP. WT.	48.17	51.60	0.23	100.00

TABLE 17 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 56, 55, 54, 57

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 24 DATE: DEC 5/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	190	138	11	3	0	0	0	0	0	58	400
% AT AGE	0.00	55.56	40.35	3.22	0.88	0.00	0.00	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	167.48	182.25	192.18	200.67	0.00	0.00	0.00	0.00	0.00	172.19	174.19
- STD. DEV.	0.00	9.16	11.56	14.06	15.63	0.00	0.00	0.00	0.00	0.00	10.17	12.85
WEIGHT - MEAN(gm)	0.00	71.64	98.14	116.91	120.00	0.00	0.00	0.00	0.00	0.00	79.98	83.60
- STD. DEV.	0.00	11.55	16.51	22.64	25.12	0.00	0.00	0.00	0.00	0.00	15.36	19.75

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	8	22	216	154	0	0	0	0	0
% AT STAGE	2.00	5.50	54.00	38.50	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	176	0	0	176
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	218	176	6	400
%	54.50	44.00	1.50	100.00
MEAN WEIGHT	80.57	88.48	50.67	83.60
% SAMP. WT.	52.53	46.57	0.91	100.00

TABLE 17 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 65, 66, 69, 68, 70, 63, 64, 67

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 25 DATE: DEC 13/83 - DEC 15/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	572	105	5	1	0	0	0	0	0	115	798
% AT AGE	0.00	83.75	15.37	0.73	0.15	0.00	0.00	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	164.55	178.01	197.00	172.00	0.00	0.00	0.00	0.00	0.00	164.23	166.49
- STD. DEV.	0.00	9.45	11.31	8.57	0.00	0.00	0.00	0.00	0.00	0.00	21.38	13.16
WEIGHT - MEAN(gm)	0.00	65.92	88.12	117.20	86.00	0.00	0.00	0.00	0.00	0.00	67.25	69.38
- STD. DEV.	0.00	11.07	16.09	19.15	0.00	0.00	0.00	0.00	0.00	0.00	20.09	15.86

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	46	42	397	313	0	0	0	0	0
% AT STAGE	5.76	5.26	49.75	39.22	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	292	0	0	292
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	468	292	37	797
%	58.72	36.64	4.64	100.00
MEAN WEIGHT	68.94	73.66	41.38	69.39
% SAMP. WT.	58.34	38.89	2.77	100.00

TABLE 17 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 313

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 33 DATE: FEB 11/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	10	31	15	11	10	6	1	0	0	16	100
% AT AGE	0.00	11.90	36.90	17.86	13.10	11.90	7.14	1.19	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	168.50	186.48	202.53	213.64	220.20	224.00	230.00	0.00	0.00	181.13	195.28
- STD. DEV.	0.00	7.04	8.22	9.82	6.33	4.21	12.00	0.00	0.00	0.00	18.07	20.12
WEIGHT - MEAN(gm)	0.00	64.20	94.52	128.20	149.18	164.60	176.67	185.00	0.00	0.00	87.88	114.33
- STD. DEV.	0.00	5.90	13.06	19.83	17.00	17.27	24.24	0.00	0.00	0.00	32.61	39.40

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	65	35	0	0	0	0
% AT STAGE	0.00	0.00	0.00	65.00	35.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	44	3	0	47
%	93.62	6.38	0.00	100.00
% SAMPLE WEIGHT	18.37	1.16	0.00	19.53

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	53	47	0	100
%	53.00	47.00	0.00	100.00
MEAN WEIGHT	110.02	119.19	0.00	114.33
% SAMP. WT.	51.00	49.00	0.00	100.00

TABLE 18 INSHORE RESEARCH SAMPLE SUMMARIES BY AREA AND WEEK

AREA: 13 - QUATHIASKI

SAMPLE NUMBERS: 32, 33, 34, 35

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 20 DATE: NOV 8/83 - NOV 9/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	78	89	94	52	15	7	13	0	0	0	52	400
% AT AGE	22.41	25.57	27.01	14.94	4.31	2.01	3.74	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	98.19	142.58	172.12	190.48	194.27	204.43	203.69	0.00	0.00	0.00	156.10	153.86
- STD. DEV.	7.23	10.59	8.94	8.73	5.66	8.56	9.03	0.00	0.00	0.00	39.07	36.58
WEIGHT - MEAN(gm)	13.50	42.31	79.35	110.69	118.67	141.43	140.00	0.00	0.00	0.00	69.60	65.61
- STD. DEV.	3.09	9.89	12.80	16.27	10.50	23.14	24.71	0.00	0.00	0.00	43.39	41.43

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	159	45	92	104	0	0	0	0	0
% AT STAGE	39.75	11.25	23.00	26.00	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	127	0	0	127
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	139	127	134	400
%	34.75	31.75	33.50	100.00
MEAN WEIGHT	89.91	85.89	21.17	65.61
% SAMP. WT.	47.62	41.57	10.81	100.00

TABLE 18 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY AREA AND WEEK

AREA: 13 - QUATHIASKI

SAMPLE NUMBERS: 36, 40, 39, 38, 37

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 21 DATE: NOV 16/83 - NOV 18/83

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	1	40	236	114	29	13	7	3	1	0	55	499
% AT AGE	0.23	9.01	53.15	25.68	6.53	2.93	1.58	0.68	0.23	0.00	0.00	100.00
LENGTH - MEAN(mm)	106.00	156.07	175.25	189.15	201.34	210.46	206.14	210.33	213.00	0.00	180.96	180.54
- STD. DEV.	0.00	8.67	10.14	9.03	10.97	7.59	9.91	12.50	0.00	0.00	26.36	17.69
WEIGHT - MEAN(gm)	17.00	54.15	81.59	106.51	126.93	150.77	142.00	149.33	155.00	0.00	93.85	92.14
- STD. DEV.	0.00	10.35	13.62	15.95	19.82	24.84	25.83	24.17	0.00	0.00	32.49	27.67

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	9	44	216	229	0	0	1	0	0
% AT STAGE	1.80	8.82	43.29	45.89	0.00	0.00	0.20	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	238	0	0	238
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	253	238	8	499
%	50.70	47.70	1.60	100.00
MEAN WEIGHT	91.32	95.14	29.13	92.14
% SAMP. WT.	50.25	49.25	0.51	100.00

TABLE 18 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY AREA AND WEEK

AREA: 13 - QUATHIASKI

SAMPLE NUMBERS: 41, 43, 42, 46, 45, 47, 44

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 22 DATE: NOV 21/83 - NOV 22/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	4	377	221	31	9	1	5	0	0	0	50	698
% AT AGE	0.62	58.18	34.10	4.78	1.39	0.15	0.77	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	99.75	145.52	167.88	188.55	161.44	199.00	185.20	0.00	0.00	0.00	155.18	155.51
- STD. DEV.	9.60	8.81	10.48	6.80	20.63	0.00	18.69	0.00	0.00	0.00	26.53	17.71
WEIGHT - MEAN(gm)	12.50	41.85	70.30	103.52	69.33	125.00	97.60	0.00	0.00	0.00	56.94	55.39
- STD. DEV.	3.51	8.71	13.92	12.16	34.79	0.00	30.12	0.00	0.00	0.00	25.07	21.85

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	204	198	158	138	0	0	0	0	0
% AT STAGE	29.23	28.37	22.64	19.77	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	312	0	0	312
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	230	312	156	698
%	32.95	44.70	22.35	100.00
MEAN WEIGHT	62.73	59.48	36.35	55.39
% SAMP. WT.	37.32	48.01	14.67	100.00

TABLE 18 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY AREA AND WEEK

AREA: 13 - QUATHIASKI

SAMPLE NUMBERS: 49, 48, 51, 52, 50

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 23 DATE: NOV 28/83 - NOV 29/83

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	58	29	146	124	52	17	14	0	0	0	58	498
% AT AGE	13.18	6.59	33.18	28.18	11.82	3.86	3.18	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN (mm)	100.47	150.00	176.55	191.74	201.38	213.12	214.64	0.00	0.00	0.00	160.74	173.00
- STD. DEV.	6.47	9.43	10.49	10.89	10.02	8.42	10.00	0.00	0.00	0.00	44.74	35.47
WEIGHT - MEAN (gm)	12.10	46.59	84.66	111.00	130.21	153.18	164.50	0.00	0.00	0.00	79.76	89.32
- STD. DEV.	2.69	11.78	14.81	16.58	23.34	20.68	29.37	0.00	0.00	0.00	53.28	44.37

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	87	33	177	200	0	0	1	0	0
% AT STAGE	17.47	6.63	35.54	40.16	0.00	0.00	0.20	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	188	0	0	188
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	223	188	87	498
%	44.78	37.75	17.47	100.00
MEAN WEIGHT	104.23	105.41	16.34	89.32
% SAMP. WT.	52.25	44.55	3.20	100.00

TABLE 18 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY AREA AND WEEK

AREA: 17 - NANAIMO

SAMPLE NUMBERS: 53

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 23 DATE: DEC 1/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	16	71	3	0	0	0	0	0	0	0	10	100
% AT AGE	17.78	78.89	3.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	97.06	148.52	165.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	128.20	138.75
- STD. DEV.	12.46	11.11	4.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.45	24.38
WEIGHT - MEAN(gm)	13.38	51.86	79.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.80	45.12
- STD. DEV.	7.19	12.01	14.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.64	20.25

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	47	6	40	7	0	0	0	0	0
% AT STAGE	47.00	6.00	40.00	7.00	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	33	0	0	33
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	37	33	30	100
%	37.00	33.00	30.00	100.00
MEAN WEIGHT	53.76	56.24	22.23	45.12
% SAMP. WT.	44.08	41.13	14.78	100.00

TABLE 18 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY AREA AND WEEK

AREA: 17 - NANAIMO

SAMPLE NUMBERS: 58, 61, 60, 55, 56, 62, 59, 54, 57

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 24 DATE: DEC 5/83 - DEC 7/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	310	279	80	24	19	5	0	2	0	180	899
% AT AGE	0.00	43.12	38.80	11.13	3.34	2.64	0.70	0.00	0.28	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	168.42	186.80	203.34	211.25	221.58	223.20	0.00	236.50	0.00	182.21	182.71
- STD. DEV.	0.00	8.66	11.59	12.03	13.39	9.46	21.60	0.00	3.54	0.00	16.94	18.14
WEIGHT - MEAN(gm)	0.00	72.29	104.02	131.93	152.25	177.74	188.40	0.00	197.50	0.00	95.97	97.07
- STD. DEV.	0.00	10.82	17.65	21.08	27.39	17.79	39.41	0.00	19.09	0.00	30.48	31.92

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	12	67	496	324	0	0	0	0	0
% AT STAGE	1.33	7.45	55.17	36.04	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	403	0	0	403
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	486	403	10	899
%	54.06	44.83	1.11	100.00
MEAN WEIGHT	94.06	101.80	53.00	97.07
% SAMP. WT.	52.38	47.01	0.61	100.00

TABLE 18 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY AREA AND WEEK

AREA: 17 - NANAIMO

SAMPLE NUMBERS: 65, 66, 69, 68, 70, 64, 72, 71, 63, 67

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 25 DATE: DEC 13/83 - DEC 16/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	668	167	14	3	1	0	0	0	0	145	998
% AT AGE	0.00	78.31	19.58	1.64	0.35	0.12	0.00	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	165.15	181.36	196.00	199.33	228.00	0.00	0.00	0.00	0.00	166.50	168.66
- STD. DEV.	0.00	9.40	11.86	8.63	24.42	0.00	0.00	0.00	0.00	0.00	20.56	14.10
WEIGHT - MEAN(gm)	0.00	66.29	92.15	115.21	120.67	201.00	0.00	0.00	0.00	0.00	69.90	72.13
- STD. DEV.	0.00	11.00	17.27	15.94	30.62	0.00	0.00	0.00	0.00	0.00	20.29	18.33

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	52	54	485	407	0	0	0	0	0
% AT STAGE	5.21	5.41	48.60	40.78	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	393	0	0	393
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	566	393	38	997
%	56.77	39.42	3.81	100.00
MEAN WEIGHT	71.14	76.55	41.29	72.14
% SAMP. WT.	55.99	41.83	2.18	100.00

TABLE 18 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY AREA AND WEEK

AREA: 17 - NANAIMO

SAMPLE NUMBERS: 313

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 33 DATE: FEB 11/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	10	31	15	11	10	6	1	0	0	16	100
% AT AGE	0.00	11.90	36.90	17.86	13.10	11.90	7.14	1.19	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	168.50	186.48	202.53	213.64	220.20	224.00	230.00	0.00	0.00	181.13	195.28
- STD. DEV.	0.00	7.04	8.22	9.82	6.33	4.21	12.00	0.00	0.00	0.00	18.87	20.12
WEIGHT - MEAN(gm)	0.00	64.20	94.52	128.20	149.18	164.60	176.67	185.00	0.00	0.00	87.88	114.33
- STD. DEV.	0.00	5.90	13.06	19.83	17.00	17.27	24.24	0.00	0.00	0.00	32.61	39.40

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	65	35	0	0	0	0
% AT STAGE	0.00	0.00	0.00	65.00	35.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	44	3	0	47
%	93.62	6.38	0.00	100.00
% SAMPLE WEIGHT	18.37	1.16	0.00	19.53

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	53	47	0	100
%	53.00	47.00	0.00	100.00
MEAN WEIGHT	110.02	119.19	0.00	114.33
% SAMP. WT.	51.00	49.00	0.00	100.00

TABLE 19 SEINE COMMERCIAL BAIT SAMPLE SUMMARIES BY AREA

AREA: 2E - EAST COAST Q.C.I.

SAMPLE NUMBERS: 293,329

SOURCE: BAIT FISHERY

GEAR: HERRING SEINE

DATE: MAR 26/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	11	68	4	8	16	73	4	1	1	14	200
% AT AGE	0.00	5.91	36.56	2.15	4.30	8.60	39.25	2.15	0.54	0.54	0.00	100.00
LENGTH - MEAN(mm)	0.00	166.64	184.49	198.50	209.63	213.00	216.25	225.75	232.00	247.00	189.86	200.41
- STD. DEV.	0.00	8.67	7.11	6.95	9.75	8.04	6.96	4.03	0.00	0.00	17.88	19.05
WEIGHT - MEAN(gm)	0.00	58.45	79.85	101.00	109.88	119.44	124.15	163.00	140.00	208.00	95.57	103.34
- STD. DEV.	0.00	14.22	13.87	14.94	17.34	20.65	22.16	10.68	0.00	0.00	30.01	31.28

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	0	109	22	69	0	0
% AT STAGE	0.00	0.00	0.00	0.00	54.50	11.00	34.50	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	0	108	23	131
%	0.00	82.44	17.56	100.00
% SAMPLE WEIGHT	0.00	24.36	0.34	24.70

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	69	131	0	200
%	34.50	65.50	0.00	100.00
MEAN WEIGHT	93.42	108.56	0.00	103.34
% SAMP. WT.	31.19	68.81	0.00	100.00

TABLE 19 (CONT.) SEINE COMMERCIAL BAIT SAMPLE SUMMARIES BY AREA

AREA: 13 - QUATHIASKI

SAMPLE NUMBERS: 118, 29

SOURCE: BAIT FISHERY

GEAR: HERRING SEINE

DATE: DEC 7/83 - FEB 6/84

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	31	104	34	4	0	0	0	0	0	27	200
% AT AGE	0.00	17.92	60.12	19.65	2.31	0.00	0.00	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	149.74	168.98	186.06	192.50	0.00	0.00	0.00	0.00	0.00	167.11	169.12
- STD. DEV.	0.00	7.75	10.51	7.85	3.87	0.00	0.00	0.00	0.00	0.00	15.34	15.05
WEIGHT - MEAN(gm)	0.00	47.03	70.64	94.26	108.75	0.00	0.00	0.00	0.00	0.00	68.52	71.47
- STD. DEV.	0.00	7.64	13.02	11.14	4.11	0.00	0.00	0.00	0.00	0.00	22.80	19.92

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	19	21	53	106	1	0	0	0	0
% AT STAGE	9.50	10.50	26.50	53.00	0.50	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	77	0	0	77
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	4.20	0.00	0.00	4.20

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	122	77	1	200
%	61.00	38.50	0.50	100.00
MEAN WEIGHT	71.48	72.05	26.00	71.47
% SAMP. WT.	61.01	38.81	0.18	100.00

TABLE 19 (CONT.) SEINE COMMERCIAL BAIT SAMPLE SUMMARIES BY AREA

AREA: 23 - BARKLEY SOUND

SAMPLE NUMBERS: 31

SOURCE: BAIT FISHERY

GEAR: HERRING SEINE

DATE: SEP 2/83

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	2	42	10	2	1	3	0	0	0	40	100
% AT AGE	0.00	3.33	70.00	16.67	3.33	1.67	5.00	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	160.00	177.05	193.50	201.00	212.00	220.67	0.00	0.00	0.00	179.65	181.53
- STD. DEV.	0.00	4.24	6.26	12.83	14.14	0.00	6.66	0.00	0.00	0.00	18.00	16.10
WEIGHT - MEAN(gm)	0.00	63.50	90.88	103.90	129.50	152.00	176.33	0.00	0.00	0.00	95.30	97.35
- STD. DEV.	0.00	13.44	10.82	20.32	19.09	0.00	17.24	0.00	0.00	0.00	29.82	27.11

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	7	90	3	0	0	0	0	0	0
% AT STAGE	7.00	90.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	51	0	0	51
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	34	51	15	100
%	34.00	51.00	15.00	100.00
MEAN WEIGHT	97.21	101.69	82.93	97.35
% SAMP. WT.	33.95	53.27	12.78	100.00

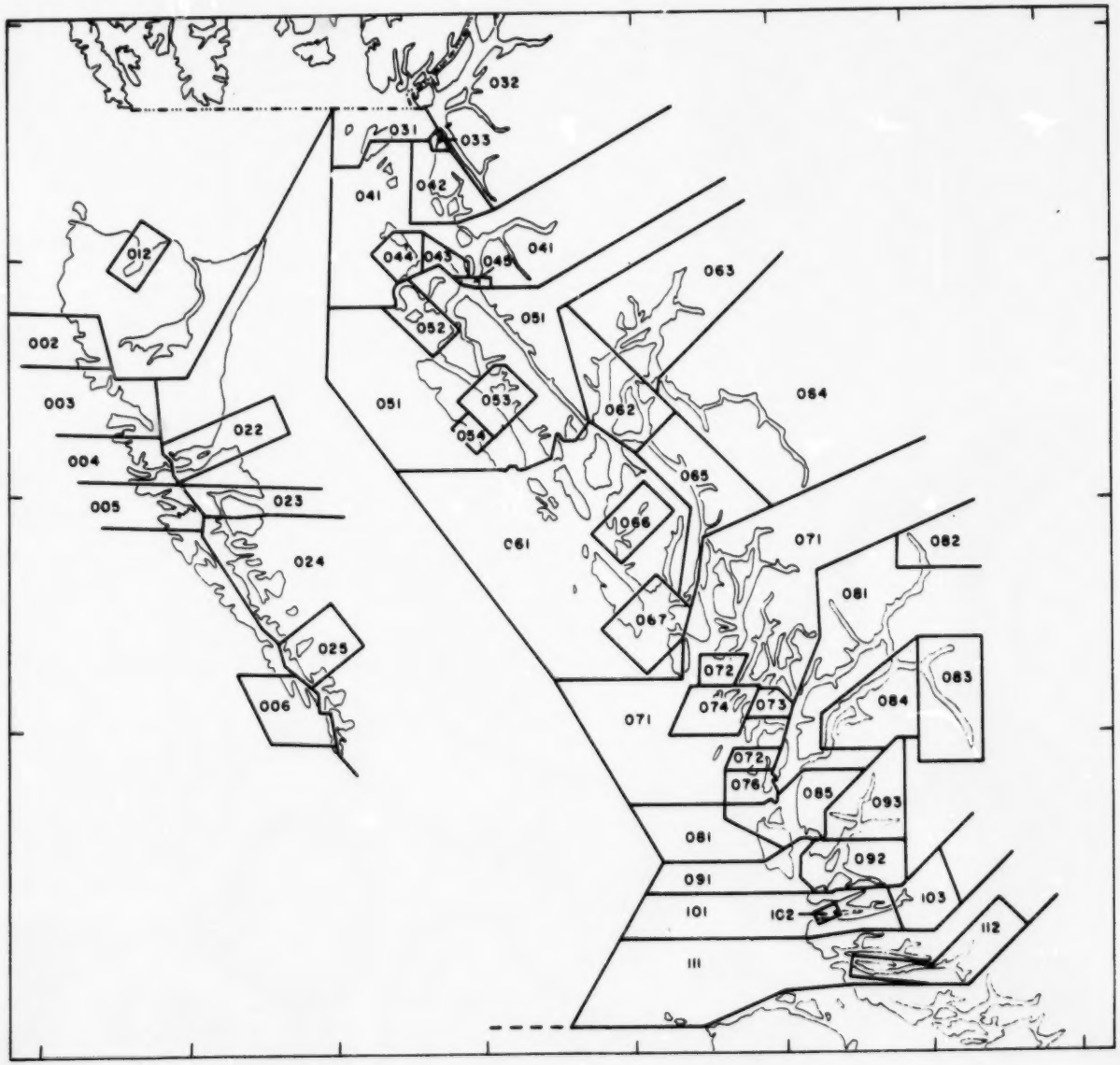

Figure 1. Herring sections in northern British Columbia.

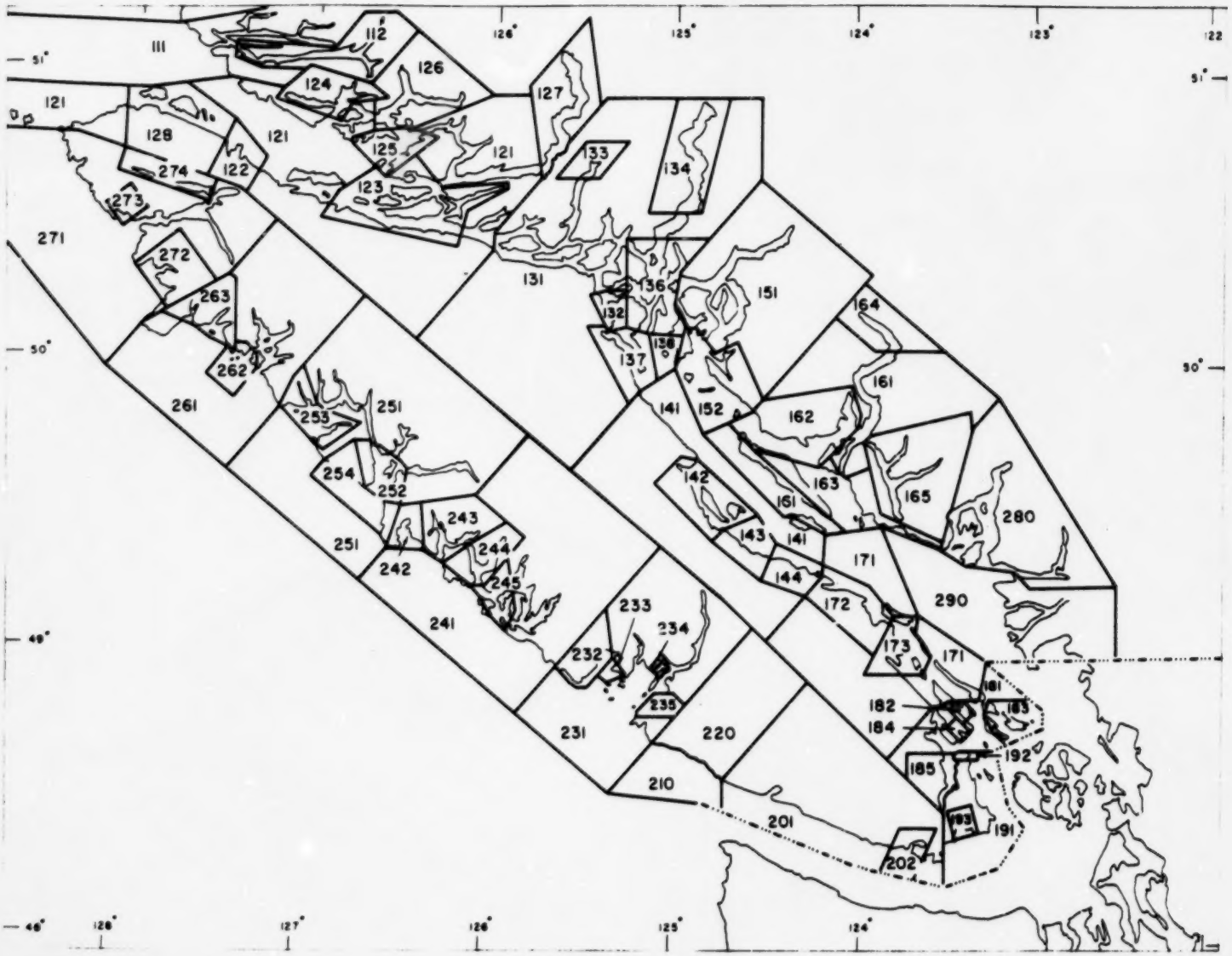

Figure 2. Herring sections in southern British Columbia.

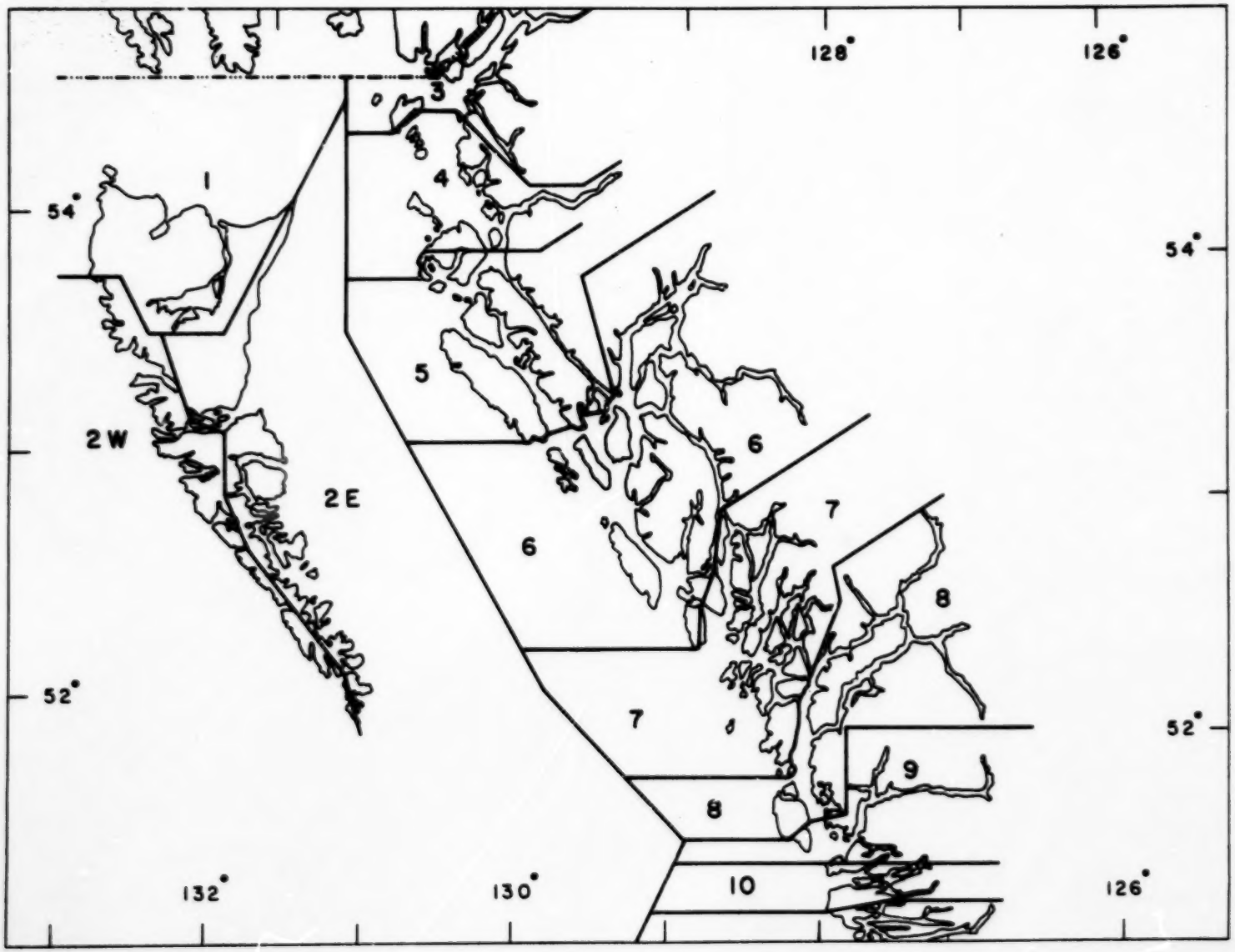

Figure 3. Statistical areas in northern British Columbia.

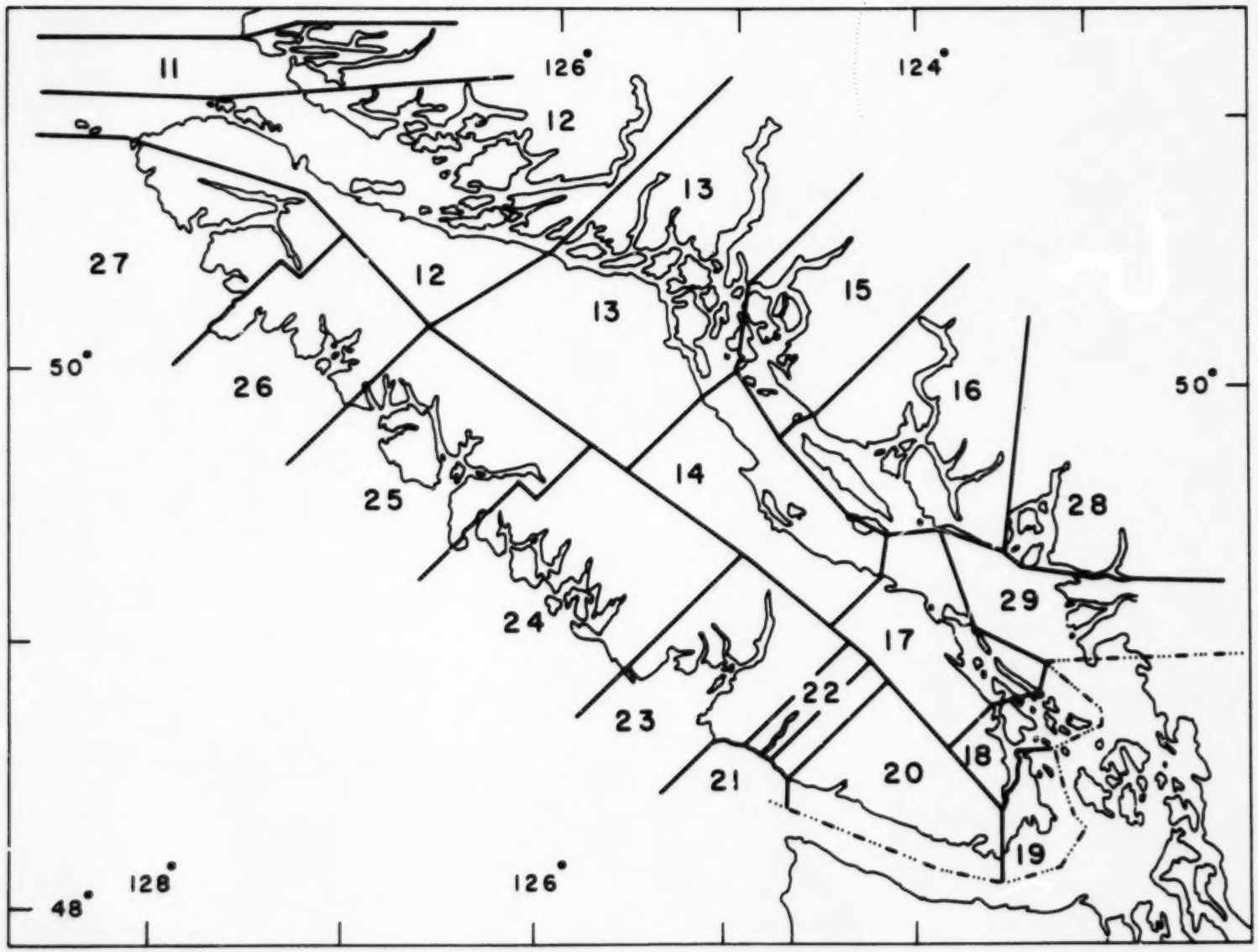

Figure 4. Statistical areas in southern British Columbia.